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Subject: EU CE Directive/Regulation overview and its Update

主题：欧盟 CE 指令/法规概述及更新

LVD, EMC, Machinery Directive (MD), RED, CRA, Toy, Noise Directive, Battery, RoHS, WEEE, REACH, Packing, Food Contact, EMF and ecodesign requirements for sustainable products

低电压、电磁兼容、 机械指令、无线电设备、网络安全，玩具、噪音指令、电池，RoHS、WEEE、REACH、包装，食物接触、电磁场和可持续产品节能指令/法规及其更新通知

Dear Valued Clients / 尊敬的客户:

In accordance with the recent publication of the Directives, we would like to draw your attention to the following Directives and its updates.

我们特通知您欧盟和电器产品相关指令及其更新通知，敬请留意:

Related directive number 指令号	Directive name 指令	Date of withdrawal (DOW) 旧指令失效日期
(EU) 2023/988	general product safety 通用产品安全法	13 December 2024
M1:(EU) 2024/2748	amending Regulations (EU) No 305/2011, (EU) 2016/424, (EU) 2016/425, (EU) 2016/426, (EU) 2023/988 and (EU) 2023/1230 as regards emergency procedures for the conformity assessment, presumption of conformity, adoption of common specifications and market surveillance due to an internal market emergency	
(EU) 2026/901	European standards for products drafted in support of Regulation (EU) 2023/988 of the European Parliament and of the Council, and repealing Commission Implementing Decision (EU) 2019/1698	17 April 2026.

Low voltage Directive (LVD)
低电压指令

Related directive number 指令号	Directive name 指令	Date of withdrawal (DOW) 旧指令失效日期
2014/35/EU EU 2024/2749 Corrigendum 2025/90717	Low voltage Directive (LVD) 低电压指令 emergency procedures for the conformity assessment, presumption of conformity, adoption of common specifications and market surveillance due to an internal market emergency Corrigendum to Directive (EU) 2024/2749	9 October 2024. +20 days

EMC Directive (EMC)
电磁兼容指令

Related directive number 指令号	Directive name 指令	Date of withdrawal (DOW) 旧指令失效日期
2014/30/EU	EMC Directive (EMC) 电磁兼容指令	
M1: EU 2018/1139	on common rules in the field of civil aviation and establishing a European Union Aviation Safety Agency, and amending Regulations (EC) No 2111/2005, (EC) No 1008/2008, (EU) No 996/2010, (EU) No 376/2014 and Directives 2014/30/EU and 2014/53/EU of the European Parliament and of the Council, and repealing Regulations (EC) No 552/2004 and (EC) No 216/2008 of the European Parliament and of the Council and Council Regulation (EEC) No 3922/91	9
M2:EU 2024/2749	emergency procedures for the conformity assessment, presumption of conformity, adoption of common specifications and market surveillance due to an internal market emergency	October 2024. +20 days
Corrigendum 2025/90717	Corrigendum to Directive (EU) 2024/2749	

RED 无线指令

Related directive number 指令号	Directive name 指令	Date of withdrawal (DOW) 旧指令失效日期
无线指令 2014/53/EU	Radio equipment 无线电设备	
M1:EU 2018/1139	**o**n common rules in the field of civil aviation and establishing a European Union Aviation Safety Agency, and amending Regulations (EC) No 2111/2005, (EC) No 1008/2008, (EU) No 996/2010, (EU) No 376/2014 and Directives 2014/30/EU and 2014/53/EU of the European Parliament and of the Council, and repealing Regulations (EC) No 552/2004 and (EC) No 216/2008 of the European Parliament and of the Council and Council Regulation (EEC) No 3922/91	
EU 2022/30	supplementing Directive 2014/53/EU of the European Parliament and of the Council with regard to the application of the essential requirements referred to in Article 3(3), points (d), (e) and (f), of that Directive	(EU) 2026/339 The repeal of Delegated Regulation (EU) 2022/30 does not affect the Union market surveillance and control, under Directive 2014/53/EU, of the compliance of radio equipment with the essential requirements set out in Article 3(3), first subparagraph, points (d), (e) and (f), of that Directive, if that radio equipment was or is placed on the Union market between 1 August 2025, from which date those requirements apply in accordance with Delegated Regulation (EU) 2022/30, and 10 December 2027, the day before Regulation (EU) 2024/2847 applies, and was subject to any of those essential requirements
EU 2023/2444	amending Delegated Regulation (EU) 2022/30 as regards the date of application of the essential requirements for radio equipment and correcting that Regulation	23 November 2022. + 20 days
M2:EU 2022/2380	amending Directive 2014/53/EU on the harmonisation of the laws of the Member States relating to the making available on the market of radio equipment The requirements set out in points 2 and 3 of this Part shall apply to the following categories or classes of radio equipment 1.1. handheld mobile phones; 1.2. tablets; 1.3. digital cameras; 1.4. headphones; 1.5. headsets; 1.6. handheld videogame consoles; 1.7. portable speakers; 1.8. e-readers; 1.9. keyboards; 1.10. mice; 1.11. portable navigation systems; 1.12. earbuds; 1.13. laptops.	Article 2 from 28 December 2024 for the categories or classes of radio equipment referred to in Part I, points 1.1 to 1.12 of Annex Ia, and from 28 April 2026 for the categories or classes of radio equipment referred to in Part I, point 1.13 of Annex Ia. 27 June 2023. +20 days
	the charging receptacle and charging communication protocol for all the categories or classes of radio equipment capable of being recharged by means of wired charging	23 October 2024+20 days
M3:EU 2023/1717	amending Directives 1999/2/EC, 2000/14/EC, 2011/24/EU and 2014/53/EU as regards certain reporting requirements in the fields of food and food ingredients, outdoor noise, patients' rights, and radio equipment	9 October 2024. +20 days
M4: EU 2024/2839	emergency procedures for the conformity assessment, presumption of conformity, adoption of common specifications and market surveillance due to an internal market emergency	
M5:EU 2024/2749	Corrigendum to Directive (EU) 2024/2749	
Corrigendum to Directive (EU) 2024/2749		

RED Essential Requirement

Article 3.1 a **Health and Safety**	**Article 3.1 b** **EMC**	**Article 3.2** **RF**	**Article 3.3 d/e/f** **Cybersecurity**	Part I, 2 and 3 of (EU) 2022/2380 **Common charger**
health and safety of persons and domestic animals and property, but with no voltage limit applying	adequate level of electromagnetic compatibility	efficient use of radio spectrum in order to avoid harmful interference.	Network protection, protection of personal data and privacy	Common charger for mobile phones and other portable electronic equipment
			ETSI EN 303 645	2.1.be equipped with the USB Type-C receptacle, 2.2.be capable of being charged with cables 3.1.incorporate the USB Power Delivery 3.2.ensure that any additional charging protocol allows for the full functionality of the USB Power Delivery
			EN 18031-1:2024 Start of legal effect: 30.01.2025 1: The sections named 'rationale' and 'guidance', in this harmonised standard, do not confer a presumption of conformity with the essential requirement set out in Article 3(3), first subparagraph, point (d), of Directive 2014/53/EU.Notice 2: This harmonised standard does not confer a presumption of conformity with the essential requirement set out in Article 3(3), first subparagraph, point (d), of Directive 2014/53/EU if, when applying its clauses 6.2.5.1 and 6.2.5.2, the user is allowed not to set and use any password.	

			Notice 3: As regards the assessment criteria set out in clause 6.3.2.4 of this harmonised standard, this harmonised standard does not confer a presumption	
			EN 18031-2:2024 EN 18031-3:2024	
			EU 2022/30 EU 2023/2444 The essential requirement set out in Article 3(3), point (e), of Directive 2014/53/EU shall apply to any of the following radio equipment, if that radio equipment is capable of processing personal data, or traffic data or location data	

Article 3.3 d/e/f of 2014/53/EU

(d) radio equipment does not harm the network or its functioning nor misuse network resources, thereby causing an unacceptable degradation of service;

(e) radio equipment incorporates safeguards to ensure that the personal data and privacy of the user and of the subscriber are protected; (f) radio equipment supports certain features ensuring protection from fraud;

(f) radio equipment supports certain features ensuring protection from fraud;

EU 2022/30 supplementing Directive 2014/53/EU of the European Parliament and of the Council with regard to the application of the essential requirements referred to in Article 3(3), points (d), (e) and (f), of that Directive

EU) 2026/339

The repeal of Delegated Regulation (EU) 2022/30 does not affect the Union market surveillance and control, under Directive 2014/53/EU, of the compliance of radio equipment with the essential requirements set out in Article 3(3), first subparagraph, points (d), (e) and (f), of that Directive, if that radio equipment was or is placed on the Union market between 1 August 2025, from which date those requirements apply in accordance with Delegated Regulation (EU) 2022/30, and 10 December 2027, the day before Regulation (EU) 2024/2847 applies, and was subject to any of those essential requirements

CRA

网络安全法规

Related directive number 指令号	Directive name 指令	Date of withdrawal (DOW) 旧指令失效日期
(EU) 2020/1828	**on representative actions for the protection of the collective interests of consumers and repealing Directive 2009/22/EC**	
EU 2024/2847	**horizontal cybersecurity requirements for products with digital elements and amending Regulations (EU) No 168/2013 and (EU) No 2019/1020 and Directive (EU) 2020/1828 (Cyber Resilience Act)**	This Regulation should apply from 11 December 2027, with exception of the reporting obligations concerning actively exploited vulnerabilities and severe incidents having an impact on the security of products with digital elements, which should apply from 11 September 2026 and of the provisions on notification of conformity assessment bodies, which should apply from 11 June 2026.
(EU) 2026/339	repealing Delegated Regulation (EU) 2022/30	The repeal of Delegated Regulation (EU) 2022/30 does not affect the Union market surveillance and control, under Directive 2014/53/EU, of the compliance of radio equipment with the essential requirements set out in Article 3(3), first subparagraph, points (d), (e) and (f), of that Directive, if that radio equipment was or is placed on the Union market between 1 August 2025, from which date those requirements apply in accordance with Delegated Regulation (EU) 2022/30, and 10 December 2027, the day before Regulation (EU) 2024/2847 applies, and was subject to any of those essential requirements
M1: (EU) 2022/192	on contestable and fair markets in the digital sector and amending Directives (EU) 2019/1937 and (EU) 2020/1828 (Digital Markets Act)	
M2: (EU) 2022/2065	on a Single Market For Digital Services and amending Directive 2000/31/EC (Digital Services Act)	
M3: (EU) 2023/988	on general product safety, amending Regulation (EU) No 1025/2012 of the European Parliament and of the Council and Directive (EU) 2020/1828 of the European Parliament and the Council, and repealing Directive 2001/95/EC of the European Parliament and of the Council and Council Directive 87/357/EEC	
M4: (EU) 2023/2854	on harmonised rules on fair access to and use of data and amending Regulation (EU) 2017/2394 and Directive (EU) 2020/1828 (Data Act)	
M5: (EU) 2024/1781	establishing a framework for the setting of ecodesign requirements for sustainable products, amending Directive (EU) 2020/1828 and Regulation (EU) 2023/1542 and repealing Directive 2009/125/EC	
M6: (EU) 2024/1799	on common rules promoting the repair of goods and amending Regulation (EU) 2017/2394 and Directives (EU) 2019/771 and (EU) 2020/1828	
M7: (EU) 2024/1689	laying down harmonised rules on artificial intelligence and amending Regulations (EC) No 300/2008, (EU) No 167/2013, (EU) No 168/2013, (EU) 2018/858, (EU) 2018/1139 and (EU) 2019/2144 and Directives 2014/90/EU, (EU) 2016/797 and (EU) 2020/1828 (Artificial Intelligence Act)	
C1: 2024/90493	Corrigendum to Regulation (EU) 2024/1781 of the European Parliament and of the Council of 13 June 2024 establishing a framework for the setting of ecodesign requirements for sustainable products, amending Directive (EU) 2020/1828 and Regulation (EU) 2023/1542 and repealing Directive 2009/125/EC	
C2: 2024/90790	Corrigendum to Regulation (EU) 2023/2854 of the European Parliament and of the Council of 13 December 2023 on harmonised rules on fair access to and use of data and amending Regulation (EU) 2017/2394 and Directive (EU) 2020/1828 (Data Act)	
C3: 2024/90789	Corrigendum to Directive (EU) 2024/1799 of the European Parliament and of the Council of 13 June 2024 on common rules promoting the repair of goods and amending Regulation (EU) 2017/2394 and Directives (EU) 2019/771 and (EU) 2020/1828	

CRA Essential Requirement for Article 3.3 d/e/f of 2014/53/EU

网络安全法规

Article 3.3 d/e/f **2014/53/EU** **Cybersecurity**	Part I, 2 and 3 of (EU) 2022/2380 **Common charger**
Network protection, protection of personal data and privacy	Common charger for mobile phones and other portable electronic equipment
ETSI EN 303 645	2.1.be equipped with the USB Type-C receptacle, 2.2.be capable of being charged with cables 3.1.incorporate the USB Power Delivery 3.2.ensure that any additional charging protocol allows for the full functionality of the USB Power Delivery
EN 18031-1:2024 Start of legal effect: 30.01.2025 1: The sections named 'rationale' and 'guidance', in this harmonised standard, do not confer a presumption of conformity with the essential requirement set out in Article 3(3), first subparagraph, point (d), of Directive 2014/53/EU.Notice 2: This harmonised standard does not confer a presumption of conformity with the essential requirement set out in Article 3(3), first subparagraph, point (d), of Directive 2014/53/EU if, when applying its clauses 6.2.5.1 and 6.2.5.2, the user is allowed not to set and use any password. Notice 3: As regards the assessment criteria set out in clause 6.3.2.4 of this harmonised standard, this harmonised standard does not confer a presumption	
EN 18031-2:2024 EN 18031-3:2024	
EU 2022/30 EU 2023/2444 The essential requirement set out in Article 3(3), point (e), of Directive 2014/53/EU shall apply to any of the following radio equipment, if that radio equipment is capable of processing personal data, or traffic data or location data	

Article 3.3 d/e/f of 2014/53/EU

(d) radio equipment does not harm the network or its functioning nor misuse network resources, thereby causing an unacceptable degradation of service;

(e) radio equipment incorporates safeguards to ensure that the personal data and privacy of the user and of the subscriber are protected; (f) radio equipment supports certain features ensuring protection from fraud;

(f) radio equipment supports certain features ensuring protection from fraud;

Machinery Regulation
机械法规

Related directive number 指令号	Directive name 指令	Date of withdrawal (DOW) 旧指令失效日期
(EU) 2023/1230	Machinery Regulation 机械法规	It shall apply from 14 January 2027. However, the following Articles shall apply from the following dates: (a) Articles 26 to 42 from 14 January 2024; (b) Article 50(1) from 14 October 2023; (c) Article 6(7) and Articles 48 and 52 from 13 July 2023; (d) Article 6(2) to (6), (8) and (11) and Articles 47 and 53(3) from 14 July 2024
M1: EU 2024/2748	amending Regulations (EU) No 305/2011, (EU) 2016/424, (EU) 2016/425, (EU) 2016/426, (EU) 2023/988 and (EU) 2023/1230 as regards emergency procedures for the conformity assessment, presumption of conformity, adoption of common specifications and market surveillance due to an internal market emergency emergency procedures for the conformity assessment, presumption of conformity, adoption of common specifications and market surveillance due to an internal market emergency	
M2: EU 2026/1744	amending Regulations (EU) 2024/1689, (EU) 2018/1139 and (EU) 2023/1230 as regards the simplification of the implementation of harmonised rules on artificial intelligence (Digital Omnibus on AI)	third day+8 July 2026
2006/42/EC EU 2024/2749 Corrigendum 2025/90717	Corrigendum to Directive (EU) 2024/2749	9 October 2024. +20 days

ErP and ErP labelling

节能和节能标贴

Related directive number 指令号	Directive name 指令	Date of withdrawal (DOW) 旧指令失效日期
2009/125/EC (EU) 2024/1781 Corrigendum：2025/90356	Eco-design requirements for energy-related products (ErP) 能源相关产品的生态化设计要求 establishing a framework for the setting of ecodesign requirements for sustainable products, amending Directive (EU) 2020/1828 and Regulation (EU) 2023/1542 and repealing Directive 2009/125/EC Corrigendum to Regulation (EU) 2024/1781	refer Article 79 Repeal and transitional provisions 28.4.2025
EU 2017/1369	Labeling and standard product information of the consumption of energy and other resources by energy-related products 能耗产品标帖及标准产品信息指令	*refer to annex1
2010/30/EU		2011-07-31

RoHS

Related directive number 相关指令号	Directive name 指令	Date of withdrawal from OJ (end of presumption of conformity) 本标准假设不符合指令失效时间	Date of start of presumption of conformity 新标准假设符合指令起始使用时间
2011/65/EU 2012/50/EU 2012/51/EU 2014/AA/EU (AA=01-16) 2014/YY/EU (BB=69-76) EU 2015/573 EU 2015/574 EU 2015/863 EU 2016/585 EU 2016/1028 EU 2016/1029 EU 2017/1009 EU 2017/1010 EU 2017/1011 EU 2017/1975 EU 2017/2102 EU 2018/ZZ (CC=36-42) EU 2019/DD (DD=169-178) EU 2019/1845 EU 2019/1846 EU 2020/360 EU 2020/361 EU 2020/364 EU 2020/365 EU 2020/366 EU 2021/647 EU 2021/884 EU 2021/1978 EU 2021/1979 EU 2021/1980 EU 2022/274 EU 2022/275 EU 2022/276 EU 2022/277 EU 2022/278 EU 2022/279 EU 2022/280 EU 2022/281 EU 2022/282 EI 2022/283 EU 2022/284 EU 2022/287 EU 2022/1631 EU 2022/1632 EU 2023/171, M81 EU 2023/1437, M82 EU 2023/1526, M83 EU 2024/232, M84 EU 2024/1416, M85 EU 2025/1802, M86 EU 2025/2363, M87 EU 2025/2364M M88 C1 C2 C3	Restriction of the use of certain hazardous substance in electrical and electronic equipments (RoHS) 限制电器及电子产品使用若干类有害物质 Corrigendum to Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment Corrigendum to Commission Delegated Directive (EU) 2017/1975 of 7 August 2017 amending, for the purposes of adapting to scientific and technical progress, Annex III to Directive 2011/65/EU of the European Parliament and of the Council as regards an exemption for cadmium in colour converting light-emitting diodes (LEDs) for use in display systems Corrigendum to Commission Delegated Directive (EU) 2023/1526 of 16 May 2023 amending Directive 2011/65/EU of the European Parliament and of the Council as regards an exemption for lead as a thermal stabilizer in polyvinyl chloride used as base m	2013-01-02 Note: petrol product 2019-07-22	
EN IEC 63000:2018	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances 限制电器及电子产品使用若干类有害物质		18/05/2020

batteries and waste batteries
电池法规

Related directive number 指令号	Directive name 指令	Date of withdrawal (DOW) 旧指令失效日期
EU 2023/1542 M1:(EU) 2024/1781 M2: (EU) 2025/1561 M3: (EU) 2026/1738	batteries and waste batteries 电池法规 establishing a framework for the setting of ecodesign requirements for sustainable products, amending Directive (EU) 2020/1828 and Regulation (EU) 2023/1542 and repealing Directive 2009/125/EC amending Regulation (EU) 2023/1542 as regards obligations of economic operators concerning battery due diligence policies on circularity requirements for vehicle design and on management of end-of-life vehicles, amending Regulations (EU) No 168/2013, (EU) 2018/858, (EU) 2019/1020 and (EU) 2023/1542 and repealing Directives 2000/53/EC and 2005/64/EC	 18 July 2025 It shall apply from 1 September 2028. However, Articles 4(3), 5(2) to (9), 6(4) to (9), 6(11), 7(3), 7(4), 9(7), 11(4), 12(2), 13(6), 14(4), 15(6), 21(2), 22(6), 26(3), 37(3), 41(3), 46(5) and 50(5) shall apply from 14 September 2026, Article 53 shall apply from 13 August 2026 and Article 55 shall apply from 1 September 2032.
Corrigendum C1: 2024/90243	Corrigendum to Regulation (EU) 2023/1542 of the European Parliament and of the Council of 12 July 2023 concerning batteries and waste batteries, amending Directive 2008/98/EC and Regulation (EU) 2019/1020 and repealing Directive 2006/66/EC	
Corrigendum C2: 2024/90493	Corrigendum to Regulation (EU) 2024/1781 of the European Parliament and of the Council of 13 June 2024 establishing a framework for the setting of ecodesign requirements for sustainable products, amending Directive (EU) 2020/1828 and Regulation (EU) 2023/1542 and repealing Directive 2009/125/EC	
Corrigendum C3: 2025/90794	Corrigendum to Regulation (EU) 2023/1542 of the European Parliament and of the Council of 12 July 2023 concerning batteries and waste batteries, amending Directive 2008/98/EC and Regulation (EU) 2019/1020 and repealing Directive 2006/66/EC	
Corrigendum C4: 2026/90285	Corrigendum to Regulation (EU) 2023/1542 of the European Parliament and of the Council of 12 July 2023 concerning batteries and waste batteries, amending Directive 2008/98/EC and Regulation (EU) 2019/1020 and repealing Directive 2006/66/EC	*Please refer to annex II of this letter for detail
2006/66/EC		
2013/56/EU		2015-07-01
EU 2018/849		30 May 2018+ 20 days

Food Contact / 食物级接触材料

Related directive number 相关指令号	Directive name 指令	Date of withdrawal (DOW) 旧指令失效日期
EC No.1935/2004 EU No.10/2011 EU 321/2011 EU 1282/2011 EU NO 1183/2012 EU NO 202/2014 EU NO 865/2014 EU 2015/174 EU 2016/1416 EU 2017/752 EU 2018/79	Plastic materials and articles intended to come into contact with food 食物级接触材料 Bisphenol A in varnishes and coatings （清漆和涂层）	
EU 2018/213	2,2-bis(4-hydroxyphenyl)propane ('BPA') CAS No 0000080-05-7 双酚 A Plastic materials and articles intended to come into contact with food	
EU 2018/831	Plastic materials and articles intended to come into contact with food Correction the French language version	
(EU) 2019/37	Poly((R)-3-hydroxybutyrate- co-(R)-3-hydroxyhexanoate	
EU 2019/988	Only to be used either alone or blended with other polymers in contact with all foods under contact conditions of up to 6 months and/or 6 months and more, at room temperature or below, including hot fill or a short heating up phase. The migration of all oligomers with a molecular weight below 1 000 Da shall not exceed 5,0 mg/kg food.	
(EU) 2019/1338	plastic materials and articles intended to come into contact with food, as regards changes to substance authorisations and addition of new substances	
(EU)2020/1245	the authorisation of the substance bis (2-ethylhexyl)cyclohexane-1,4-dicarboxylate (FCM No 1079)	12.7.2023+ twentieth day
(EU) 2023/1442	the use of bisphenol A (BPA) and other bisphenols and bisphenol derivatives with harmonised classification for specific hazardous properties in certain materials and articles intended to come into contact with food	11.8.2023+ twentieth day
(EU)2023/1627	amending Regulation (EU) No 10/2011 on plastic materials and articles intended to come into contact with food, amending Regulation (EU) 2022/1616 on recycled plastic materials and articles intended to come into contact with foods, and repealing Regulation (EC) No 282/2008, and amending Regulation (EC) No 2023/2006 on good manufacturing practice for materials and articles intended to come into contact with food as regards recycled plastic and other matters related to quality control and manufacturing of plastic materials and articles intended to come into contact with food	19 December 2024.+ twentieth day
EU 2024/3190	amending Annex I to Regulation (EU) No 10/2011 as regards the authorisation or the conditions of use of several substances	21 February 2025. + twentieth day
(EU) 2025/351	correcting the Estonian language version of Regulation (EU) No 10/2011 on plastic materials and articles intended to come into contact with food	2 February 2026+ twentieth day
EU 2026245 M20	Corrigendum to Commission Regulation (EU) No 1183/2012 of 30 November 2012 amending and correcting Regulation (EU) No 10/2011 on plastic materials and articles intended to come into contact with food	
EU 2026/1380 M21		
C1		

Waste electrical and electronic equipment (WEEE)

欧盟废旧电气电子回收指令

Related directive number 指令号	Directive name 指令	Date of withdrawal (DOW) 旧指令失效日期
2012/19/EU	Waste electrical and electronic equipment (WEEE) 欧盟废旧电气电子回收指令	
EU 2018/849		30 May 2018+ 20 days
EU 2024/884		9 October 2025

packaging and packaging waste

包装和包装废弃物

Related directive number 指令号	Directive name 指令	Date of withdrawal (DOW) 旧指令失效日期
(EU) 2025/40	packaging and packaging waste 包装和包装废弃物	It shall apply from 12 August 2026. However, Article 67(5) shall apply from 12 February 2029.
94/62/EC		

REACH

Related directive number 指令号	Directive name 指令	Date of withdrawal (DOW) 旧指令失效日期
EC No 1907/2006	REACH Candidate List of substances of very high concern for Authorisation （SVHC） 高关注物质	253 last updated: 04-Feb-2026

POPs （persistent organic pollutants） directive
持久性有机污染物(POPs)指令

Related directive number 指令号	Directive name 指令	Date of withdrawal (DOW) 旧指令失效日期
EU 2019/1021 EU 2020/784 EU 2020/1203 EU 2020/1204 EU 2021/115 EU 2021/277 EU 2022/229 EU 2022/2400 EU 2023/866 EU 2023/1608 EU 2024/2555 EU 2024/2570 EU 2025/718 EU 2025/1399 EU 2025/843 EU 2025/1930 M15 EU 2025/482 M16 EU 2025/2457 M17 (EU) 2026/1423 M18 C1 C2 C3 C4	POPs （persistent organic pollutants） directive 持久性有机污染物(POPs)指令 perfluorooctane sulfonic acid and its derivatives chlorpyrifos	2019-07-15 27.9.2024 14 April 2025 Point 2 and point 3 of the Annex shall apply from 3 December 2025 30 June 2026+20 days

Noise Directive for Equipment for use outdoors
户外产品的噪音指令

Related directive number 指令号	Directive name 指令	Date of withdrawal (DOW) 旧指令失效日期
2000/14/EC M1: 2005/88/EC M2: (EC) No 219/2009 M3: (EU) 2019/1243 M4: (EU) 2024/1208 M5: 2024/2839 C1： L 165 C2 Corrigendum: 2024/90290	Noise Directive for Equipment for use outdoors 户外产品的噪音指令 emergency procedures for the conformity assessment, presumption of conformity, adoption of common specifications and market surveillance due to an internal market emergency amending Directives 1999/2/EC, 2000/14/EC, 2011/24/EU and 2014/53/EU as regards certain reporting requirements in the fields of food and food ingredients, outdoor noise, patients' rights, and radio equipment	22 May 2025 9 October 2024. +20 days 23 October 2024+20 days

accessibility requirements for products and services
无障碍产品和服务

Related directive number 指令号	Directive name 指令	Date of withdrawal (DOW) 旧指令失效日期
(EU) 2019/882	accessibility requirements for products and services 无障碍产品和服务 Article 4 8. Member States shall ensure that the answering of emergency communications to the single European emergency number '112' by the most appropriate PSAP, shall comply with the specific accessibility requirements set out in Section V of Annex I in the manner best suited to the national organisation of emergency systems.	28 June 2025 By way of derogation from paragraph 2 of this Article, Member States may decide to apply the measures regarding the obligations set out in Article 4(8) at the latest from 28 June 2027.

consumer rights
消费者权利指令

Related directive number 指令号	Directive name 指令	Date of withdrawal (DOW) 旧指令失效日期
2011/83/EU M1 EU 2015/2302 M2: EU 2019/2161 M3: EU 2023/2673 M4: EU 2024/825	consumer rights 消费者权利指令 amending Directives 2005/29/EC and 2011/83/EU as regards empowering consumers for the green transition through better protection against unfair practices and through better information 赋能消费者绿色转型指令	
(EU) 2025/1960 IMPLEMENTING REGULATION	the design and content of the harmonised notice on the legal guarantee of conformity and of the harmonised label for the commercial guarantee of durability 统一的法定合规保证通知和自愿性耐用性商业保证标签	apply from 27 September 2026 2026 年 9 月 27 日起

harmonised rules on fair access to and use of data

关于公平访问和使用数据的统一规则，简称：数据法案

Related directive number 指令号	Directive name 指令	Date of withdrawal (DOW) 旧指令失效日期
(EU) 2023/2854 (EU) 2017/2394 **(EU) 2020/1828**	harmonised rules on fair access to and use of data 关于公平访问和使用数据的统一规则，简称：数据法案	12 September 2025. The obligation resulting from Article 3(1) shall apply to connected products and the services related to them placed on the market after 12 September 2026. Chapter III shall apply in relation to obligations to make data available under Union law or national legislation adopted in accordance with Union law, which enters into force after 12 September 2025. Chapter IV shall apply to contracts concluded after 12 September 2025. Chapter IV shall apply from 12 September 2027to contracts concluded on or before 12 September 2025provided that they are: (a) of indefinite duration; or (b) due to expire at least 10 years from 11 January 2024.

Toys regulation

玩具法规

Related directive number 指令号	Directive name 指令	Date of withdrawal (DOW) 旧指令失效日期
EU NO 2025/2059	Toys regulation 玩具法规	It shall apply from 1 August 2030. However, Articles 28 to 44 and Articles 49 to 55 shall apply from 1 January 2026
2009/48/EC		

EMF / 电磁场辐射

New amendments / editions 最新修订/版本	Related standards / former edition 相关标准/以前版本	Requirement for 要求	Date of withdrawal from OJ (end of presumption of conformity) 本标准假设不符合指令失效时间	Date of start of presumption of conformity 新标准假设符合指令起始使用时间
	EN 62233:2008 +AC:2008	Measurement methods for electromagnetic fields of household appliances and similar apparatus with regard to human exposure 家用电器产品的电磁场要求		20/04/2016
	IEC 62233:2005			
	EN-IEC 62311:2020 (DOW:2013-01-24)	Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz-300 GHz) 电子电器产品的电磁场要求		
	EN 62311:2008			20/04/2016
	IEC 62311:2007			
	EN 62479:2010	Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)		20/04/2016
+A1:2022 DOW:2025-07-20	EN 62493:2015 DOW:2018-04-14	Assessment of lighting equipment related to human exposure to electromagnetic fields 灯具产品的电磁场要求		
	EN 62493:2010			20/04/2016
	IEC 62493:2015			

Emission Directives / 排放指令

Related directive number 相关指令号	Directive name 指令	Date of withdrawal (DOW) 旧指令失效日期
EU 2016/1628 Corrigendum to Regulation (EU) 2016/1628 EU 2017/654 EU 2017/655 EU 2017/656	Internal Combustion Engines for Non-road Mobile Machinery 非道路用内燃机排放指令	2019-01-01
EU 2020/1040	amending Regulation (EU) 2016/1628 as regards its transitional provisions in order to address the impact of the COVID-19 crisis	1 July 2020
EU 2021/1068	Regulation (EU) 2021/1068 of the European Parliament and of the Council of 24 June 2021 amending Regulation (EU) 2016/1628 as regards its transitional provisions for certain machinery fitted with engines in the power ranges greater than or equal to 56 kW and less than 130 kW, and greater than or equal to 300 kW, in order to address the impact of the COVID-19 crisis	
EU 2022/992	Regulation (EU) 2022/992 of the European Parliament and of the Council of 8 June 2022 amending Regulation (EU) 2016/1628 as regards the extension of the empowerment of the Commission to adopt delegated acts	

ErP Directives LITE and ErP Energy Label Directives light source /光源能效和能效标识指令

Product 产品	Related directive number 相关指令号	Directive name 指令	Date of withdrawal (DOW) 旧指令失效
non-directional household lamps 家用非定向灯	2009/125/EC (EU) 2024/1781	Eco-design requirements for energy-related products (ErP) 能源相关产品的生态化设计要求 ecodesign requirements for sustainable products, 可持续产品	refer Article 79 Repeal and transitional provisions
	EU 2019/2020 Corrigendum:2020-02-24	light sources and separate control gears 光源和分离式控制装置	1 Sep 2021
	Article 7 shall apply from 25 December 2019, “Article 7, Circumvention The manufacturer, importer or authorised representative shall not place on the market products designed to be able to detect they are being tested (e.g. by recognising the test conditions or test cycle), and to react specifically by automatically altering their performance during the test with the aim of reaching a more favourable level for any of the parameters declared by the manufacturer, importer or authorised representative in the technical documentation or included in any of the documentation provided. The energy consumption of the product and any of the other declared parameters shall not deteriorate after a software or firmware update when measured with the same test standard originally used for the declaration of conformity, except with explicit consent of the end-user prior to the update.”		
	EU 2021/341	amending Regulations (EU) 2019/424, (EU) 2019/1781, (EU) 2019/2019, (EU) 2019/2020, (EU) 2019/2021, (EU) 2019/2022, (EU) 2019/2023 and (EU) 2019/2024 with regard to ecodesign requirements for servers and data storage products, electric motors and variable speed drives, refrigerating appliances, light sources and separate control gears, electronic displays, household dishwashers, household washing machines and household washer-dryers and refrigerating appliances with a direct sales function	
	If no unit belonging to the same model or equivalent models was placed on the market before 1 November 2020, the units of models placed on the market between 1 November 2020 and 28 February 2021 which comply with the provisions of this regulation shall be considered compliant with the requirements of Commission Regulation (EC) No 643/2009.’;		
	EU 2017/1369	Labeling and standard product information of the consumption of energy and other resources by energy-related products 能耗产品标帖及产品信息指令	*refer to annex 1
	EU 2019/2015	light sources	1 Sep 2021
	point 1(b) of Article 3 shall apply from 1 May 2021 “article 3 point 1(b) the parameters of the product information sheet, as set out in Annex V		

	(product information), are entered into the product database;"		
	(EU) 2021/340	amending Delegated Regulations (EU) 2019/2013, (EU) 2019/2014, (EU) 2019/2015, (EU) 2019/2016, (EU) 2019/2017 and (EU) 2019/2018 with regard to energy labelling requirements for electronic displays, household washing machines and household washer-dryers, light sources, refrigerating appliances, household dishwashers, and refrigerating appliances with a direct sales function	
	EU 2023/2048	energy labelling requirements of air conditioners, light sources, refrigerating appliances, and refrigerating appliances with a direct sales function	26.9.2023+4th days

HOUS ErP Directives and ErP Energy Label Directives / 能效和能效标识指令- HOUS 节能指令 – 家电产品，Refrigerator / 冰箱

Product 产品	Related directive number 相关指令号	Directive name 指令	Date of withdrawal (DOW) 旧指令失效
Refrigerator 冰箱	2009/125/EC (EU) 2024/1781	Eco-design requirements for energy-related products (ErP) 能源相关产品的生态化设计要求 ecodesign requirements for sustainable products, 可持续产品	refer Article 79 Repeal and transitional provisions
	EU 2019/2019	Eco-design requirements for household refrigerating appliances 家用电冰箱的生态化设计要求	1 Mar 2021
	Article 6 shall apply from 25 December 2019 Article 6, Circumvention The manufacturer, importer or authorised representative shall not place on the market products designed to be able to detect they are being tested (e.g. by recognising the test conditions or test cycle), and to react specifically by automatically altering their performance during the test with the aim of reaching a more favourable level for any of the parameters declared by the manufacturer, importer or authorised representative in the technical documentation or included in any of the documentation provided. The energy consumption of the product and any of the other declared parameters shall not deteriorate after a software or firmware update when measured with the same test standard originally used for the declaration of conformity, except with explicit consent of the end-user prior to update.		
	EU 2021/341	amending Regulations (EU) 2019/424, (EU) 2019/1781, (EU) 2019/2019, (EU) 2019/2020, (EU) 2019/2021, (EU) 2019/2022, (EU) 2019/2023 and (EU) 2019/2024 with regard to ecodesign requirements for servers and data storage products, electric motors and variable speed drives, refrigerating appliances, light sources and separate control gears, electronic displays, household dishwashers, household washing machines and household washer-dryers and refrigerating appliances with a direct sales function	
	If no unit belonging to the same model or equivalent models was placed on the market before 1 November 2020, the units of models placed on the market between 1 November 2020 and 28 February 2021 which comply with the provisions of this regulation shall be considered compliant with the requirements of Commission Regulation (EC) No 643/2009.’;		
	EU 2017/1369	Labeling and standard product information of the consumption of energy and other resources by energy-related products 能耗产品标帖及标准产品信息指令	*refer to annex 1
	EU 2019/2016 Corrigendum:2020-02-24	Energy labeling of household refrigerating appliances 冰箱类产品能耗标帖指令	1 Mar 2021
		Article 10 shall apply from 25 December 2019, *Article 10* **Transitional measures** “As from 25 December 2019 until 28 February 2021, the product fiche required under point 1(b) of Article 3 of Delegated Regulation (EU) No 1060/2010 may be made available through the product database instead of being provided in printed form with the product. In that case the supplier shall ensure that if specifically requested by the dealer, the product fiche shall be made available in printed form.”	

		point 1(a), (b) and (c) of Article 3 shall apply from 1 November 2020. “Article 3 Obligations of suppliers Suppliers shall ensure that: (a) each refrigerating appliance is supplied with a printed label in the format as set out in Annex III; (b) the parameters of the product information sheet, set out in Annex V, are entered into the product database; (c) if specifically requested by the dealer, the product information sheet shall be made available in printed form;”	
	(EU) 2021/340	amending Delegated Regulations (EU) 2019/2013, (EU) 2019/2014, (EU) 2019/2015, (EU) 2019/2016, (EU) 2019/2017 and (EU) 2019/2018 with regard to energy labelling requirements for electronic displays, household washing machines and household washer-dryers, light sources, refrigerating appliances, household dishwashers, and refrigerating appliances with a direct sales function	
	EU 2023/2048	energy labelling requirements of air conditioners, light sources, refrigerating appliances, and refrigerating appliances with a direct sales function	26.9.2023+4th days
	EN 62552: 2013	Household refrigerating appliances - Characteristics and test methods	

household washing machines and household washer-dryers/ 家用洗衣机和家用洗衣烘干机

Product 产品	Related directive number 相关指令号	Directive name 指令	Date of withdrawal (DOW) 旧指令失效
household washing machines and household washer-dryers 家用洗衣机和家用洗衣烘干机	2009/125/EC (EU) 2024/1781	Eco-design requirements for energy-related products (ErP) 能源相关产品的生态化设计要求 ecodesign requirements for sustainable products, 可持续产品	refer Article 79 Repeal and transitional provisions
	EU 2019/2023 Corrigendum:2020-02-24	Eco-design requirements for household washing machines 家用洗衣机的生态化设计要求 household washing machines and household washer-dryers 家用洗衣机和家用洗衣烘干机	1 March 2021
	Article 6, first paragraph, and Article 11 shall apply from 25 December 2019 Article 6 Circumvention "The manufacturer, importer or authorised representative shall not place on the market products designed to be able to detect they are being tested (e.g. by recognising the test conditions or test cycle), and to react specifically by automatically altering their performance during the test with the aim of reaching a more favourable level for any of the parameters declared by the manufacturer, importer or authorised representative in the technical documentation or included in any documentation provided. The consumption of energy and water of the product and any of the other declared parameters shall not deteriorate after a software or firmware update when measured with the same test standard originally used for the declaration of conformity, except with explicit consent of the end-user prior to the update. No performance change shall occur as a result of rejecting the update. "		
	EU 2021/341	amending Regulations (EU) 2019/424, (EU) 2019/1781, (EU) 2019/2019, (EU) 2019/2020, (EU) 2019/2021, (EU) 2019/2022, (EU) 2019/2023 and (EU) 2019/2024 with regard to ecodesign requirements for servers and data storage products, electric motors and variable speed drives, refrigerating appliances, light sources and separate control gears, electronic displays, household dishwashers, household washing machines and household washer-dryers and refrigerating appliances with a direct sales function	
	If no unit belonging to the same model or equivalent models was placed on the market before 1 November 2020, the units of models placed on the market between 1 November 2020 and 28 February 2021 which comply with the provisions of this regulation shall be considered compliant with the requirements of Commission Regulation (EC) No 643/2009.';		
		Commission Implementing Decision (EU) 2025/72 of 15 January 2025 amending Implementing Decision (EU) 2021/936 as regards harmonised standards for household washing machines and household washer-dryers	15 January 2025.
	(EU) 2023/1759 EN 60456:2016 +A12:2022	harmonised standards for household dishwashers Clothes washing machines for household use - Methods for measuring the performance	15 January 2025.
	EU 2017/1369	Labeling and standard product information of the consumption of energy and other resources by energy-related products 能耗产品标帖及产品信息指令	*refer to annex 1
	(EU) 2019/2014	Energy labeling of household washing machines 洗衣机能耗标帖指令 household washing machines and household washer-dryers 家用洗衣机和家用洗衣烘干机	1 March 2021
	Article 10 shall apply from 25 December 2019 Article 10， Transitional measures As from 25 December 2019 until 28 February 2021, the product fiche required under point (b) of Article 3 of Regulation (EU) No 1061/2010 may be made available on the product database established by Article 12 of Regulation (EU) 2017/1369 instead of being provided in printed form. In this case the supplier shall ensure that if specifically requested by the dealer, the product fiche shall be made available in printed form.		

	As from 25 December 2019 until 28 February 2021, the fiche required under paragraph 3 of Article 2 of Directive 96/60/EC may be made available on the product database established by Article 12 of Regulation (EU) 2017/1369 instead of being provided in printed form. In this case the supplier shall ensure that if specifically requested by the dealer, the fiche shall be made available in printed form. points 1(a) and 1(b) of Article 3 shall apply from 1 November 2020., Article 3， Obligations of suppliers Suppliers shall ensure that: (a)each household washing machine and household washer-dryer is supplied with a printed label in the format as set out in Annex III and, for a multi-drum household washing machine or a multi-drum household washer-dryer, in accordance with Annex X; (b) the parameters of the product information sheet, as set out in Annex V, are entered into the product database; (c) if specifically requested by the dealer of household washing machines and household washer-dryers, the product information sheet shall be made available in printed form;		
	(EU) 2021/340	amending Delegated Regulations (EU) 2019/2013, (EU) 2019/2014, (EU) 2019/2015, (EU) 2019/2016, (EU) 2019/2017 and (EU) 2019/2018 with regard to energy labelling requirements for electronic displays, household washing machines and household washer-dryers, light sources, refrigerating appliances, household dishwashers, and refrigerating appliances with a direct sales function	
	EU NO 518/2014	Energy-related products on the internet	2015-01-01
		Commission Implementing Decision (EU) 2025/72 of 15 January 2025 amending Implementing Decision (EU) 2021/936 as regards harmonised standards for household washing machines and household washer-dryers	15 January 2025.
	EN 60456:2016 +A12:2023	Clothes washing machines for household use - Methods for measuring the performance	15 January 2025.
	EN 60704-2-4:2012	Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-4: Particular requirements for washing machines and spin extractors	2015-04-13
	EN 50564:2011	Electrical and electronic household and office equipment - Measurement of low power consumption 家电和办公设备低功耗测量	2014-03-03

Dishwasher / **洗碗机**

Product 产品	Related directive number 相关指令号	Directive name 指令	Date of withdrawal (DOW) 旧指令失效日期
Dishwasher 洗碗机	2009/125/EC (EU) 2024/1781	Eco-design requirements for energy-related products (ErP) 能源相关产品的生态化设计要求 ecodesign requirements for sustainable products, 可持续产品	refer Article 79 Repeal and transitional provisions
	EU 2019/2022	Eco-design requirements for household dishwasher 家用洗碗机的生态化设计要求	1 March 2021
	Article 6, first paragraph, and Article 11 shall apply from 25 December 2019 Article 11, Transitional measures As from 25 December 2019 until 28 February 2021, by way of derogation to the requirement in Annex I, Point 1(1) of Regulation (EU) No 1016/2010, the name 'eco' may be used for the standard programme, in accordance with Point 1 of Annex II of this Regulation, instead of the name 'standard programme'.		
	EU 2021/341	amending Regulations (EU) 2019/424, (EU) 2019/1781, (EU) 2019/2019, (EU) 2019/2020, (EU) 2019/2021, (EU) 2019/2022, (EU) 2019/2023 and (EU) 2019/2024 with regard to ecodesign requirements for servers and data storage products, electric motors and variable speed drives, refrigerating appliances, light sources and separate control gears, electronic displays, household dishwashers, household washing machines and household washer-dryers and refrigerating appliances with a direct sales function	
	If no unit belonging to the same model or equivalent models was placed on the market before 1 November 2020, the units of models placed on the market between 1 November 2020 and 28 February 2021 which comply with the provisions of this regulation shall be considered compliant with the requirements of Commission Regulation (EC) No 643/2009.';		
	EU 2017/1369	Labeling and standard product information of the consumption of energy and other resources by energy-related products 能耗产品标帖及标准产品信息指令	*refer to annex 1
	(EU) 2019/2017	Energy labeling of household dishwashers 洗碗机产品能耗标帖指令	1 March 2021
	Article 10 shall apply from 25 December 2019 Article 10 Transitional measures As from 25 December 2019 until 28 February 2021, the product fiche required under point (b) of Article 3 of Delegated Regulation (EU) No 1059/2010 may be made available through the product database instead of being provided in printed form with the product. In this case, the supplier shall ensure that if specifically requested by the dealer, the product fiche shall be made available in printed form. point 1(a), (b) and (c) of Article 3 shall apply from 1 November 2020. Article 3 Obligations of suppliers 1.Suppliers shall ensure that: (a) each household dishwasher is supplied with a printed label in the format as set out in Annex III; (b) the parameters of the product information sheet, as set out in Annex V, are entered into the product database; (c) if specifically requested by the dealer, the product information sheet shall be made available in printed form;		
	(EU) 2021/340	amending Delegated Regulations (EU) 2019/2013, (EU) 2019/2014, (EU) 2019/2015, (EU) 2019/2016, (EU) 2019/2017 and (EU) 2019/2018 with regard to energy labelling requirements for electronic displays, household washing machines and	

		household washer-dryers, light sources, refrigerating appliances, household dishwashers, and refrigerating appliances with a direct sales function	
	EN 50564:2011	Electrical and electronic household and office equipment - Measurement of low power consumption 家电和办公设备低功耗测量	2014-03-03
	(EU) 2023/1759 EN 60436:2020 EN 60436:2020/A11:2020 EN 60436:2020/AC:2020-06 EN 60436:2020/A12:2022	harmonised standards for household dishwashers Electric dishwashers for household use – Methods for measuring the performance	12.9.2023

refrigerating appliances with a direct sales function / **自动售卖功能的制冷产品**

Product 产品	Related directive number 相关指令号	Directive name 指令	Date of withdrawal (DOW) 旧指令失效日期
refrigerating appliances with a direct sales function 自动售卖功能的制冷产品	2009/125/EC (EU) 2024/1781	Eco-design requirements for energy-related products (ErP) 能源相关产品的生态化设计要求 ecodesign requirements for sustainable products, 可持续产品	refer Article 79 Repeal and transitional provisions
	EU 2019/2024	Eco-design requirements for refrigerating appliances with a direct sales function 自动售卖机的生态化设计要求	1 March 2021
	EU 2021/341	amending Regulations (EU) 2019/424, (EU) 2019/1781, (EU) 2019/2019, (EU) 2019/2020, (EU) 2019/2021, (EU) 2019/2022, (EU) 2019/2023 and (EU) 2019/2024 with regard to ecodesign requirements for servers and data storage products, electric motors and variable speed drives, refrigerating appliances, light sources and separate control gears, electronic displays, household dishwashers, household washing machines and household washer-dryers and refrigerating appliances with a direct sales function	
		Commission Implementing Decision (EU) 2025/533 of 25 March 2025 on a harmonised standard for refrigerating appliances with a direct sales function drafted in support of Delegated Regulation (EU) 2019/2018 and Regulation (EU) 2019/2024	25 March 2025
	EN 16838:2024	Refrigerated display scooping cabinets and pozzetto for gelato – Classification, requirements, performance and energy consumption testing	25 March 2025
	EN ISO 23953-2:2023	Refrigerated display cabinets – Part 2: Classification, requirements and test conditions (ISO 23953-2:2023)	11 September 2024
	If no unit belonging to the same model or equivalent models was placed on the market before 1 November 2020, the units of models placed on the market between 1 November 2020 and 28 February 2021 which comply with the provisions of this regulation shall be considered compliant with the requirements of Commission Regulation (EC) No 643/2009.’;		
	EU 2017/1369	Labeling and standard product information of the consumption of energy and other resources by energy-related products 能耗产品标帖及标准产品信息指令	*refer to annex 1
	(EU) 2019/2018	Energy labeling of refrigerating appliances with a direct sales function 自动售卖机	1 March 2021
	(EU) 2021/340	amending Delegated Regulations (EU) 2019/2013, (EU) 2019/2014, (EU) 2019/2015, (EU) 2019/2016, (EU) 2019/2017 and (EU) 2019/2018 with regard to energy labelling requirements for electronic displays, household washing machines and household washer-dryers, light sources, refrigerating appliances, household dishwashers, and refrigerating appliances with a direct sales function	
	EU 2023/2048	energy labelling requirements of air conditioners, light sources, refrigerating appliances, and refrigerating appliances with a direct sales function	26.9.2023+4th days
		Commission Implementing Decision (EU) 2025/533 of 25 March 2025 on a harmonised standard for refrigerating appliances with a direct sales function drafted in support of Delegated Regulation (EU) 2019/2018 and Regulation (EU) 2019/2024	25 March 2025

	EN 16838:2024	Refrigerated display scooping cabinets and pozzetto for gelato – Classification, requirements, performance and energy consumption testing	25 March 2025
	EN ISO 23953-2:2023	Refrigerated display cabinets – Part 2: Classification, requirements and test conditions (ISO 23953-2:2023)	11 September 2024

Industrial fans / 工业风机

Product 产品	Related directive number 相关指令号	Directive name 指令	Date of withdrawal (DOW) 旧指令失效日期
Industrial fans 工业风机	2009/125/EC (EU) 2024/1781	Eco-design requirements for energy-related products (ErP) 能源相关产品的生态化设计要求 ecodesign requirements for sustainable products, 可持续产品	refer Article 79 Repeal and transitional provisions
	EU NO 327/2011 M1 EU NO 666/2013 M2 EU 2016/2282 M3: (EU) 2024/1834 C: 2026/90753	fans driven by motors with an electric input power between 125 W and 500 Kw Corrigendum to Commission Regulation (EU) 2024/1834 of 3 July 2024 implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for fans driven by motors with an electric input power between 125 W and 500 kW and repealing Commission Regulation (EU) No 327/2011	It shall apply from 24 July 2026. However, Article 6 and Article 9(2) shall apply from 24 July 2024
	EU 2017/1369	Labeling and standard product information of the consumption of energy and other resources by energy-related products 能耗产品标帖及标准产品信息指令	*refer to annex 1

Air conditioners / 空调

Product 产品	Related directive number 相关指令号	Directive name 指令	Date of withdrawal (DOW) 旧指令失效日期
air conditioners 空调	2009/125/EC (EU) 2024/1781	Eco-design requirements for energy-related products (ErP) 能源相关产品的生态化设计要求 ecodesign requirements for sustainable products, 可持续产品	 refer Article 79 Repeal and transitional provisions
	(EU) No 206/2012 EU 2016/2282	Eco-design requirements for air conditioners and comfort fans 空调和风扇的生态化设计要求	 2016-12-20
	EU 2017/1369	Labeling and standard product information of the consumption of energy and other resources by energy-related products 能耗产品标帖及标准产品信息指令	*refer to annex 1
	EU（NO）626/2011 EU 2017/254	Energy labeling of air conditioners 空调能耗标帖指令	2016-12-20
	EU NO 518/2014	Energy-related products on the internet	2015-01-
	EU 2023/2048	energy labelling requirements of air conditioners, light sources, refrigerating appliances, and refrigerating appliances with a direct sales function	26.9.2023+4th days
	EN 12102:2017	Air conditioners, liquid chilling packages, heat pumps and dehumidifiers with electrically driven compressors for space heating and cooling - Measurement of airborne noise - Determination of the sound power level 噪音测量	01/09/2018
	EN 14511-1:2013	Air conditioners, liquid chilling packages and heat pumps with electrically driven compressors for space heating and cooling - Part 1: Terms, definitions and classification	March 2014
	EN 14511-2:2013	Air conditioners, liquid chilling packages and heat pumps with electrically driven compressors for space heating and cooling - Part 2: Test conditions	
	EN 14511-3:2013	Air conditioners, liquid chilling packages and heat pumps with electrically driven compressors for space heating and	January 2014

		cooling - Part 3: Test methods	
	EN 14511-4:2013	Air conditioners, liquid chilling packages and heat pumps with electrically driven compressors for space heating and cooling - Part 4: Operating requirements, marking and instructions	February 2014

Comfort Fan / 风扇

Product 产品	Related directive number 相关指令号	Directive name 指令	Date of withdrawal (DOW) 旧指令失效日期
Fan 风扇	2009/125/EC (EU) 2024/1781	Eco-design requirements for energy-related products (ErP) 能源相关产品的生态化设计要求 ecodesign requirements for sustainable products, 可持续产品	 refer Article 79 Repeal and transitional provisions
	(EU) No 206/2012 EU 2016/2282	Eco-design requirements for air conditioners and comfort fans 空调和风扇的生态化设计要求	 2016-12-20
	EU 2017/1369	Labeling and standard product information of the consumption of energy and other resources by energy-related products 能耗产品标帖及标准产品信息指令	*refer to annex 1
	EN 60704-1:2010 +A11:2012	Household and similar electrical appliances - Test code for the determination of airborne noise - Part 1: General requirements	2015-10-15
	EN 60704-2-7:1998	Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2: Particular requirements for fans	
	IEC 60879:1986	Performance and construction of electric circulating fans and regulators 电循环风扇和调节器的结构和性能	
	EN 50564:2011	Electrical and electronic household and office equipment - Measurement of low power consumption 家电和办公设备低功耗测量	2014-03-03

Water pump / 水泵

Product 产品	Related directive number 相关指令号	Directive name 指令	Date of withdrawal (DOW) 旧指令失效日期
Water pump 水泵	2009/125/EC (EU) 2024/1781	Eco-design requirements for energy-related products (ErP) 能源相关产品的生态化设计要求 ecodesign requirements for sustainable products, 可持续产品	refer Article 79 Repeal and transitional provisions
	EU No 547/2012 EU 2016/2282	Eco-design requirements for water pump 水泵的生态化设计要求	2016-12-20
	EU 2017/1369	Labeling and standard product information of the consumption of energy and other resources by energy-related products 能耗产品标帖及标准产品信息指令	*refer to annex 1
		Labeling and standard product information of the consumption of energy and other resources by energy-related products 能耗产品标帖及标准产品信息指令	

Tumble driers / 滚筒式干衣机

Product 产品	Related directive number 相关指令号	Directive name 指令	Date of withdrawal (DOW) 旧指令失效日期
Tumble driers 滚筒式干衣机	2009/125/EC (EU) 2024/1781	Eco-design requirements for energy-related products (ErP) 能源相关产品的生态化设计要求 ecodesign requirements for sustainable products, 可持续产品	refer Article 79 Repeal and transitional provisions
	(EU) 2023/2533	ecodesign requirements for household tumble dryers	It shall apply from 1 July 2025. However, Article 6 shall apply from 12 December 2023.
	EU 2017/1369	Labeling and standard product information of the consumption of energy and other resources by energy-related products 能耗产品标帖及标准产品信息指令	*refer to annex 1
	EU 2023/2534	Energy labeling of household tumble driers 滚筒式干衣机能耗标帖指令	It shall apply from 1 July 2025. However, Article 9 shall apply from 1 January 2024 and Article 3(1), points (a) and (b), shall apply from 1 March 2025
	EU (NO) 392/2012 EU 2017/254		2016-12-20
	EU NO 518/2014	Energy-related products on the internet	2015-01-01
	EN 61121:2013	Tumble dryers for household use - Methods for measuring the performance	2015-12-31
	EN 50564:2011	Electrical and electronic household and office equipment - Measurement of low power consumption 家电和办公设备低功耗测量	2014-03-03

Vacuum cleaner / 吸尘器

Product 产品	Related directive number 相关指令号	Directive name 指令	Date of withdrawal (DOW) 旧指令失效日期
Vacuum cleaner 吸尘器	2009/125/EC (EU) 2024/1781	Eco-design requirements for energy-related products (ErP) 能源相关产品的生态化设计要求 ecodesign requirements for sustainable products, 可持续产品	 refer Article 79 Repeal and transitional provisions
	EU No 666/2013 EU 2016/2282	Eco-design requirements for household vacuum cleaner 家用吸尘器生态化设计要求	
	EU 2017/1369	Labeling and standard product information of the consumption of energy and other resources by energy-related products 能耗产品标帖及标准产品信息指令	*refer to annex 1
	(EU) 2023/826	off mode, standby mode, and networked standby energy consumption of electrical and electronic household and office equipment 家用电子或办公设备在待机或关机模式	It shall apply from 9 May 2025. However, Article 6 first paragraph shall apply when the Regulation enters into force
	EN 60312-1:2017	Dry vacuum cleaners - Methods for measuring the performance 干式吸尘器性能测试方法	01/09/2017
	EN 60704-2-1:2015	Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-1: Particular requirements for vacuum cleaners	
	EN 50564:2011	Electrical and electronic household and office equipment - Measurement of low power consumption 家电和办公设备低功耗测量	2014-03-03

Space heaters and combination heaters / 空间取暖器和组合取暖器

Product 产品	Related directive number 相关指令号	Directive name 指令	Date of withdrawal (DOW) 旧指令失效日期
Space heaters and combination heaters 空间取暖器和组合取暖器	2009/125/EC (EU) 2024/1781	Eco-design requirements for energy-related products (ErP) 能源相关产品的生态化设计要求 ecodesign requirements for sustainable products, 可持续产品	 refer Article 79 Repeal and transitional provisions
	EU No 813/2013 EU 2016/2282	Space heaters and combination heaters 空间取暖器和组合取暖器 'space heater' means a device that 空间取暖器定义 Provides heat to a water-based central heating system in order to reach and maintain at a desired level the indoor temperature of an enclosed space such as a building, a dwelling or a room; and 基于水加热的中央取暖系统使建筑屋，住所和房间的密闭空间的温度达到期望的室内温度	 2016-12-20
	EU 2017/1369	Labeling and standard product information of the consumption of energy and other resources by energy-related products 能耗产品标帖及标准产品信息指令	*refer to annex 1
	EU No 811/2013 EU 2017/254	Space heaters 空间取暖器	Stage 1阶段1 26 September 2015 Stage2阶段2 26 September 2019 2016-12-20
	EU NO 518/2014	Energy-related products on the internet	2019-09-26

Water heaters and hot water storages heaters / 热水器和储水式热水器

Product 产品	Related directive number 相关指令号	Directive name 指令	Date of withdrawal (DOW) 旧指令失效日期
Water heaters and hot water storages heaters 热水器和储水式热水器	2009/125/EC (EU) 2024/1781	Eco-design requirements for energy-related products (ErP) 能源相关产品的生态化设计要求 ecodesign requirements for sustainable products, 可持续产品	 refer Article 79 Repeal and transitional provisions
	EU No 814/2013 EU 2016/2282	Water heaters and hot water storages heaters 热水器和储水式热水器 Water heaters (a) is connected to an external supply of drinking or sanitary water; (b) generates and transfers heat to deliver drinking or sanitary hot water at given temperature levels, quantities and flow rates during given intervals; 热水器 a) 连接到外部的饮用和洁净水 b) 产生和传热给饮用和洁净水在给定的时间间隔达到给定的温度和流速	 2016-12-20
	EU 2017/1369	Labeling and standard product information of the consumption of energy and other resources by energy-related products 能耗产品标帖及标准产品信息指令	*refer to annex 1
	EU No 812/2013 EU 2017/254	Water heaters 热水器	Stage 1阶段 1 26 September 2015 Stage 2阶段 2 26 September 2017 2016-12-20
	EU NO 518/2014	Energy-related products on the internet	2017-09-26

Ovens / 家用烤炉

Product 产品	Related directive number 相关指令号	Directive name 指令	Date of withdrawal (DOW) 旧指令失效日期
Ovens 家用烤炉	2009/125/EC (EU) 2024/1781	Eco-design requirements for energy-related products (ErP) 能源相关产品的生态化设计要求 ecodesign requirements for sustainable products, 可持续产品	 refer Article 79 Repeal and transitional provisions
	EU No 66/2014 EU 2016/2282	Domestic ovens, hobs and range hoods 家用烤炉，烤盘和抽油烟机 Note: This directive is not applicable for Small oven and portable oven ● ‘small oven’ means an oven where all cavities have a width and depth of less than 250 mm or a height less than 120 mm; ● ‘portable oven’ means an oven with a product mass of less than 18 kilograms, provided it is not designed for built-in installations; 小型烤炉和移动式烤炉不在此指令范围 小型烤炉定义：腔体宽度和深度小于 250 毫米或高度小于 120 毫米 移动式烤炉定义：非嵌入式安装，重量小于 18 公斤	Domestic oven 家用烤炉 Stage 1: 2015-02-03 Stage 2: 2016-02-03 Stage 3: 2019-02-03 2016-12-20
	EU 2017/1369	Labeling and standard product information of the consumption of energy and other resources by energy-related products 能耗产品标帖及标准产品信息指令 Labeling and standard product information of the consumption of energy and other resources by energy-related products 能耗产品标帖及标准产品信息指令	*refer to annex 1
	EU No 65/2014	Domestic ovens and range hoods 家用烤炉和抽油烟机 Note:	Domestic oven家用烤

	EU 2017/254	This directive is not applicable for Small oven and portable oven ● ‘small oven’ means an oven where all cavities have a width and depth of less than 250 mm or a height less than 120 mm; ● ‘portable oven’ means an oven with a product mass of less than 18 kilograms, provided it is not designed for built-in installations; 小型烤炉和移动式烤炉不在此指令范围 小型烤炉定义：腔体宽度和深度小于 250 毫米或高度小于 120 毫米 移动式烤炉定义：非嵌入式安装，重量小于 18 公斤	炉 Stage 1: 2015-01-01 Stage 2: 2015-04-01 2016-12-20
	EN 60350-1:2016	Ranges, ovens, steam ovens and grills - Methods for measuring Performance	04/11/2019
	(EU) 2023/826	off mode, standby mode, and networked standby energy consumption of electrical and electronic household and office equipment 家用电子或办公设备在待机或关机模式	It shall apply from 9 May 2025. However, Article 6 first paragraph shall apply when the Regulation enters into force
	EN 50564:2011	Electrical and electronic household and office equipment - Measurement of low power consumption 家电和办公设备低功耗测量	2014-03-03

Hob / 灶台

Product 产品	Related directive number 相关指令号	Directive name 指令	Date of withdrawal (DOW) 旧指令失效日期
Hob 灶台	2009/125/EC (EU) 2024/1781	Eco-design requirements for energy-related products (ErP) 能源相关产品的生态化设计要求 ecodesign requirements for sustainable products, 可持续产品	 refer Article 79 Repeal and transitional provisions
	EU No 66/2014 EU 2016/2282	Domestic ovens, hobs and range hoods 家用烤炉，烤盘和抽油烟机	hob 烤盘 Stage 1: 2015-02-03 Stage 2: 2017-02-03 Stage 3: 2019-02-03 2016-12-20
	EN 60350-2:2013+ A11:2014	Hobs - Methods for measuring performance	--
	EU 2017/1369	Labeling and standard product information of the consumption of energy and other resources by energy-related products 能耗产品标帖及标准产品信息指令	*refer to annex 1
	(EU) 2023/826	off mode, standby mode, and networked standby energy consumption of electrical and electronic household and office equipment 家用电子或办公设备在待机或关机模式	It shall apply from 9 May 2025. However, Article 6 first paragraph shall apply when the Regulation enters into force
	EN 50564:2011	Electrical and electronic household and office equipment - Measurement of low power consumption 家电和办公设备低功耗测量	2014-03-03

Range hood / 抽油烟机

Product 产品	Related directive number 相关指令号	Directive name 指令	Date of withdrawal (DOW) 旧指令失效日期
Range hood 抽油烟机	2009/125/EC (EU) 2024/1781	Eco-design requirements for energy-related products (ErP) 能源相关产品的生态化设计要求 ecodesign requirements for sustainable products, 可持续产品	 refer Article 79 Repeal and transitional provisions
	EU No 66/2014 EU 2016/2282	Domestic ovens, hobs and range hoods 家用烤炉，烤盘和抽油烟机	Range hood 抽油烟机 Stage 1: 2015-02-03 Stage 2: 2017-02-03 Stage 3: 2019-02-03 2016-12-20
	EN 60350-1:2016	Ranges, ovens, steam ovens and grills - Methods for measuring Performance	04/11/2019
	EU 2017/1369	Labeling and standard product information of the consumption of energy and other resources by energy-related products 能耗产品标帖及标准产品信息指令	*refer to annex 1
	EU No 65/2014 EU 2017/254	Domestic ovens and range hoods 家用烤炉和抽油烟机	Range hood 抽油烟机 Stage 1: 2015-01-01 Stage 2: 2016-01-01 Stage 3: 2018-01-01 Stage 4: 2020-01-01 2016-12-20
A11:2020	EN IEC 61591: 2020	Household range hoods and other cooking fume extractors - Methods for measuring performance	2023-07-10
	EN 61591:1997 +A1:2006+A2:2011 +A11:2014+ A12:2015		2018-01-12

Solid fuel boiler / 固体燃料锅炉

Product 产品	Related directive number 相关指令号	Directive name 指令	Date of withdrawal (DOW) 旧指令失效日期
Solid fuel boilers 固体燃料锅炉	2009/125/EC (EU) 2024/1781	Eco-design requirements for energy-related products (ErP) 能源相关产品的生态化设计要求 ecodesign requirements for sustainable products, 可持续产品	 refer Article 79 Repeal and transitional provisions
	EU NO 2015/1189 EU 2016/2282	Solid fuel boilers 固体燃料锅炉	 2016-12-20
	EU 2017/1369	Labeling and standard product information of the consumption of energy and other resources by energy-related products 能耗产品标帖及标准产品信息指令	*refer to annex 1
	EU 2015/1187 EU 2017/254	Solid fuel boilers and packages of a solid fuel boiler, supplementary heaters, temperature controls and solar devices	 2016-12-20

Solid fuel local space heaters / 固体燃料空间加热器

Product 产品	Related directive number 相关指令号	Directive name 指令	Date of withdrawal (DOW) 旧指令失效日期
Solid fuel local space heaters 固体燃料空间加热器	2009/125/EC (EU) 2024/1781	Eco-design requirements for energy-related products (ErP) 能源相关产品的生态化设计要求 ecodesign requirements for sustainable products, 可持续产品	refer Article 79 Repeal and transitional provisions
	EU 2015/1185 EU 2016/2282	Solid fuel local space heaters 固体燃料空间加热器	2022-01-01 2016-12-20
	EU 2017/1369	Labeling and standard product information of the consumption of energy and other resources by energy-related products 能耗产品标帖及标准产品信息指令	*refer to annex 1
	EU 2015/1186 EU 2017/254	Local space heaters	2016-12-20

Professional refrigerated storage cabinets, blast cabinets, condensing units and process chillers / 专业冷藏柜

Product 产品	Related directive number 相关指令号	Directive name 指令	Date of withdrawal (DOW) 旧指令失效日期
professional refrigerated storage cabinets, blast cabinets, condensing units and process chillers 专业冷藏柜	2009/125/EC (EU) 2024/1781	Eco-design requirements for energy-related products (ErP) 能源相关产品的生态化设计要求 ecodesign requirements for sustainable products, 可持续产品	refer Article 79 Repeal and transitional provisions
	EU 2015/1095 EU 2016/2282	Professional refrigerated storage cabinets, blast cabinets, condensing units and process chillers 专业冷藏柜	2016-12-20
	(EU) 2026/151 EN ISO 22042:2021 EN ISO 22042:2021 /A1:2024	harmonised standard for blast cabinets Blast chiller and freezer cabinets for professional use – Classification, requirements and test conditions	23 January 2026.
	EU 2017/1369	Labeling and standard product information of the consumption of energy and other resources by energy-related products 能耗产品标帖及标准产品信息指令	*refer to annex 1
	EU 2015/1094 EU 2017/254	Professional refrigerated storage cabinets 专业冷藏柜	2016-12-20

Local space heaters / 取暖器

Product 产品	Related directive number 相关指令号	Directive name 指令	Date of withdrawal (DOW) 旧指令失效日期
local space heaters 取暖器	2009/125/EC (EU) 2024/1781	Eco-design requirements for energy-related products (ErP) 能源相关产品的生态化设计要求 ecodesign requirements for sustainable products, 可持续产品	 refer Article 79 Repeal and transitional provisions
	2024/90295 Corrigendum to Commission Regulation (EU) 2024/1103 EU NO 2024/1103	Local space heaters 取暖器	It shall apply from 1 July 2025. However, Article 6 shall apply from 9 May 2024
	EU 2017/1369	Labeling and standard product information of the consumption of energy and other resources by energy-related products 能耗产品标帖及标准产品信息指令	*refer to annex 1
		Local space heaters 取暖器	
	EU 2015/1186 EU 2017/254		2016-12-20

Ventilation unit / 通风装置

Product 产品	Related directive number 相关指令号	Directive name 指令	Date of withdrawal (DOW) 旧指令失效日期
ventilation unit 通风装置	2009/125/EC (EU) 2024/1781	Eco-design requirements for energy-related products (ErP) 能源相关产品的生态化设计要求 ecodesign requirements for sustainable products, 可持续产品	 refer Article 79 Repeal and transitional provisions
	EU NO 1253/2014 EU 2016/2282	Eco-design requirements for ventilation unit 通风装置 Ventilation unit (VU)' means an electricity driven appliance equipped with at least one impeller, one motor and a casing and intended to replace air by outdoor air in a building or a part of a building; 电驱动的器具，至少有一个叶轮，一个马达和一个外壳，能够用户外的空气替换一个建筑物或部分建筑物内空气	Stage 1: 2016-01-01 2016-12-20
	EU 2017/1369	Labeling and standard product information of the consumption of energy and other resources by energy-related products 能耗产品标帖及标准产品信息指令	*refer to annex 1
	EU NO 1254/2014 EU 2017/254	Energy labelling of residential ventilation units 民用通风装置 'residential ventilation unit' (RVU) means a ventilation unit where: (a) the maximum flow rate does not exceed 250 m3/h; 最高流量不超过 250 立方米/小时 (b) the maximum flow rate is between 250 and 1 000 m3/h, and the manufacturer declares its intended use as being exclusively for a residential ventilation application; 最高流量在 250 立方米/小时和 1000 立方米/小时之间，且制造商声明只是民用	2016-01-01 2016-12-20

Household coffee machine / 家用咖啡机

Product 产品	Related directive number 相关指令号	Directive name 指令	Date of withdrawal (DOW) 旧指令失效日期
household coffee machine 家用咖啡机	2009/125/EC (EU) 2024/1781	Eco-design requirements for energy-related products (ErP) 能源相关产品的生态化设计要求 ecodesign requirements for sustainable products, 可持续产品	refer Article 79 Repeal and transitional provisions
	(EU) 2023/826	off mode, standby mode, and networked standby energy consumption of electrical and electronic household and office equipment 家用电子或办公设备在待机或关机模式	It shall apply from 9 May 2025. However, Article 6 first paragraph shall apply when the Regulation enters into force
	EN 50564:2011	Electrical and electronic household and office equipment - Measurement of low power consumption 家电和办公设备低功耗测量	DOW date: 2014-03-03
	EU 2017/1369	Labeling and standard product information of the consumption of energy and other resources by energy-related products 能耗产品标帖及标准产品信息指令	*refer to annex 1

Electronic displays / 电子显示器

Product 产品	Related directive number 相关指令号	Directive name 指令	Date of withdrawal (DOW) 旧指令失效日期
TV 电视机	2009/125/EC (EU) 2024/1781	Eco-design requirements for energy-related products (ErP) 能源相关产品的生态化设计要求 ecodesign requirements for sustainable products, 可持续产品	refer Article 79 Repeal and transitional provisions
	(EU) 2019/2021 Corrigendum:2020-02-24	electronic displays 电子显示器	1 March 2021
	Article 6, first paragraph shall apply from 25 December 2019 Article 6 Circumvention and software updates The manufacturer or importer or authorised representative shall not place on the market products designed to be able to detect they are being tested (e.g. by recognising the test conditions or test cycle) and to react specifically by automatically altering their performance during the test with the aim of reaching a more favourable level, for any of the parameters declared by the manufacturer, importer or authorised representative, in the technical documentation or included in any of the documentation provided. The energy consumption of the product and any of the other declared parameters shall not deteriorate after a software or firmware update when measured with the same test standard originally used for the declaration of conformity except with explicit consent of the end-user prior to the update. No performance change shall occur as result of rejecting the update. A software update shall never have the effect of changing the product's performance in a way that makes it non-compliant with the ecodesign requirements applicable for the declaration of conformity.		
	EU 2021/341	amending Regulations (EU) 2019/424, (EU) 2019/1781, (EU) 2019/2019, (EU) 2019/2020, (EU) 2019/2021, (EU) 2019/2022, (EU) 2019/2023 and (EU) 2019/2024 with regard to ecodesign requirements for servers and data storage products, electric motors and variable speed drives, refrigerating appliances, light sources and separate control gears, electronic displays, household dishwashers, household washing machines and household washer-dryers and refrigerating appliances with a direct sales function	
	If no unit belonging to the same model or equivalent models was placed on the market before 1 November 2020, the units of models placed on the market between 1 November 2020 and 28 February 2021 which comply with the provisions of this regulation shall be considered compliant with the requirements of Commission Regulation (EC) No 643/2009.'; 		
	EU 2017/1369	Labeling and standard product information of the consumption of energy and other resources by energy-related products 能耗产品标帖及标准产品信息指令	*refer to annex 1
	(EU) 2019/2013	electronic displays	1 March 2021
	point 1(a) of Article 3 shall apply from 1 November 2020 Article 3 Obligations of suppliers 1.Suppliers shall ensure that: (a) each electronic display is supplied with a label in printed form in the format and containing the information set out in Annex III;		
	(EU) 2023/826	off mode, standby mode, and networked standby energy consumption of electrical and electronic household and office equipment	It shall apply from 9 May 2025. However,

		家用电子或办公设备在待机或关机模式	Article 6 first paragraph shall apply when the Regulation enters into force
	EN 50564:2011	Electrical and electronic household and office equipment - Measurement of low power consumption 家电和办公设备低功耗测量	2014-03-03

External power supplies (EPS) / 外部电源

Product 产品	Related directive number 相关指令号	Directive name 指令	Date of withdrawal (DOW) 旧指令失效日期
External power supply (EPS) 外部电源	2009/125/EC (EU) 2024/1781	Eco-design requirements for energy-related products (ErP) 能源相关产品的生态化设计要求 ecodesign requirements for sustainable products, 可持续产品	refer Article 79 Repeal and transitional provisions
	(EU) 2025/2052	external power supplies, wireless chargers, wireless charging pads, battery chargers for portable batteries of general use and USB Type-C cables 外部电源，无线充电器，无线充电垫，移动式电池和带 USB TYPE 接口线缆的充电器	It shall apply from 14 December 2028. However, point 3 of Article 9 shall apply from 14 December 2025
	(EU) 2019/1782	Eco-design requirements for no-load condition electric power consumption and average active efficiency of external power supplies 外部电源的生态化设计要求	1 April 2020
	EU 2017/1369	Labeling and standard product information of the consumption of energy and other resources by energy-related products 能耗产品标帖及标准产品信息指令	*refer to annex 1
	EN 50563:2011+A1:2013	AC power supplies-determination of no-load power and average efficiency of active modes 外部交流-直流和交流-交流电源供应器 空载功耗和工作模式下的平均效率	2016-09-30

Computers and computer servers / 计算机和计算机服务器

Product 产品	Related directive number 相关指令号	Directive name 指令	Date of withdrawal (DOW) 旧指令失效日期
Computers and computer servers 计算机和计算机服务器	2009/125/EC (EU) 2024/1781	Eco-design requirements for energy-related products (ErP) 能源相关产品的生态化设计要求 ecodesign requirements for sustainable products, 可持续产品	refer Article 79 Repeal and transitional provisions
	(EU) 2019/424 2022/C 469/03	servers and data storage products 服务器和数据存储产品	enter into force: 15 March 2019 +20 days 2024-01-01
	EU (NO) 617/2013 EU 2016/2282	Computers and computer servers 计算机和计算机服务器	2016-12-20
	EU 2021/341	amending Regulations (EU) 2019/424, (EU) 2019/1781, (EU) 2019/2019, (EU) 2019/2020, (EU) 2019/2021, (EU) 2019/2022, (EU) 2019/2023 and (EU) 2019/2024 with regard to ecodesign requirements for servers and data storage products, electric motors and variable speed drives, refrigerating appliances, light sources and separate control gears, electronic displays, household dishwashers, household washing machines and household washer-dryers and refrigerating appliances with a direct sales function	
	If no unit belonging to the same model or equivalent models was placed on the market before 1 November 2020, the units of models placed on the market between 1 November 2020 and 28 February 2021 which comply with the provisions of this regulation shall be considered compliant with the requirements of Commission Regulation (EC) No 643/2009.’;		
	EU 2017/1369	Labeling and standard product information of the consumption of energy and other resources by energy-related products 能耗产品标帖及标准产品信息指令	*refer to annex 1

smartphones, mobile phones other than smartphones, cordless phones and slate tablets /

智能手机，非智能手机移动手机，无绳电话和平板电脑

Product 产品	Related directive number 相关指令号	Directive name 指令	Date of withdrawal (DOW) 旧指令失效日期
Computers and computer servers 计算机和计算机服务器	2009/125/EC (EU) 2024/1781	Eco-design requirements for energy-related products (ErP) 能源相关产品的生态化设计要求 ecodesign requirements for sustainable products, 可持续产品	refer Article 79 Repeal and transitional provisions
	(EU) 2025/2006 Annex II and IV to Regulation (EU) 2023/1670 are corrected	smartphones, mobile phones other than smartphones, cordless phones and slate tablets 智能手机，非智能手机移动手机，无绳电话和平板电脑	apply from 20 June 2025
	(EU) 2023/1670		It shall apply from 20 June 2025. Article 6 shall apply from 20 September 2023.
	EU 2017/1369	Labeling and standard product information of the consumption of energy and other resources by energy-related products 能耗产品标帖及标准产品信息指令	*refer to annex 1
	(EU) 2023/1669 M1 EU 2026/879	smartphones and slate tablets 智能手机和平板电脑 correcting certain language versions of Delegated Regulation (EU) 2023/1669 supplementing Regulation (EU) 2017/1369 of the European Parliament and of the Council with regard to the energy labelling of smartphones and slate tablets	It shall apply from 20 June 2025.

Distribution and power transformers 配电变压器	2009/125/EC (EU) 2024/1781 EU2019/1783 EU NO 548/2014 EU 2016/2282	Eco-design requirements for energy-related products (ErP) 能源相关产品的生态化设计要求 ecodesign requirements for sustainable products, 可持续产品 small, medium and large power transformers Small, medium and large power transformers with a minimum power rating of 1 kVA used in 50Hz electricity transmission and distribution networks or for industrial applications. 功率至少 1 kVA 用于 50 Hz 的工业配电用小型，中型和大型电力变压器	 refer Article 79 Repeal and transitional provisions 1 October 2019+ 20 days 2016-12-20
electrical and electronic household and office equipment 家用电子或办公设备	2009/125/EC (EU) 2024/1781 (EU) 2023/826	Eco-design requirements for energy-related products (ErP) 能源相关产品的生态化设计要求 ecodesign requirements for sustainable products, 可持续产品 off mode, standby mode, and networked standby energy consumption of electrical and electronic household and office equipment 家用电子或办公设备在待机或关机模式	 refer Article 79 Repeal and transitional provisions It shall apply from 9 May 2025. However, Article 6 first paragraph shall apply when the Regulation enters into force

	EN 50564:2011	Electrical and electronic household and office equipment - Measurement of low power consumption 家电和办公设备低功耗测量	2014-03-03

Critical new EK1 decision related to GS certification

与家电和灯具等产品有关的新 EK1 决议

category	EK1 decision EK1 决议号	Affected Standard 标准	Affected product 产品	Issued date 发布时间	Decision Category 决议类别	Deadline 截止时间
HOUS	777-2023	EN 60335-1	HOUS	2023-11-21		
INST	776-2023 Rev.3	DIN VDE 0620-2-1:2021 EN 61242:2016	Multiple-Outlet Power Strips with a built-in mechanism for winding or stowing the connecting cable	2026-05-22	B	
INST	775-2023	DIN VDE 0620-2-1:2016 DIN VDE 0620-2-1:2021	Cord extension with coupling socket or multiple plug sockets	2023-11-21	C	
ELVH	EK 1 659-17 Rev.2	IEC 61851-1:2019- EN 61439-7 :2021 EN 61439-1 2012	AC-charging stations (Mode 3) for electric vehicles	2023-04-20	C	
HOUS	EK1 754-22	EN 60335-2-65	Air Purifier	2023-04-20	C	
HOUS	EK1 646-16 Rev.2	EN 60335-2-14	Blender 搅拌器	2018-04-19	B	
HOUS/	EK1 AG2 rev 10	HOUS and LITE	Guidance for Implementatio	2018-17-05	C	

LITE			n of CENELEC Guide 29			
LITE	EK 1 671-18	EN 60598-2-20:2015	Lighting chain	2018-07-19	C	
LITE	EK 1 673-18	EN 62560 and EN 60598 series	Lamp with child appealing envelope	2018-08-09	C	
HOUS	EK1 679-18	EN 60335-2-60	portable spas and swimming pools	2018-11-07	C	
INST	EK1 702-20 Rev.1	DIN VDE 0620-2-1	non-rewireable plugs, couplers and multiway socket-outlets	2020-09-29	A	2020-09-29
ITAV	EK1 715-20	EN 62368-3:2020	DC power transfer through communication cables and ports	2021-02-11	C	
HOUS	EK1 716-20(Revision of EK1 Decision 128-01)	EN 60335-2-80	Ceiling fans – assembly	2021-02-11	C	
SAFE	EK1 717-20 (Revision of EK1 Decision 130-01)	EN IEC 61558-1:2019 clause 15	Short-circuit test of transformers - starting from the cold condition	2021-02-11	C	
SAFE	EK1 718-20	EN 61558-1:2005 Abschnitt 19.17	Design of transformers with protection degree IPX1 –	2021-02-11	C	

			IPX6			
HOUS	EK 1 732-21	EN 60335-2-32	Foldable foot massager	2021-09-21	C	
HOUS	EK1 740-21		Development of a test principle for direct plug-in fan heater	2021-09-22		
ALL	EK1 601-15e Rev4		PAH Guideline for Electrical Products	2021-10-29		

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A-category - Direct hazard
The safety of the products is directly affected.
The implementation is carried out directly starting from adoption of resolutions, existing certifications are to be cancelled immediately and without notice.

B-category - Indirect hazard
An indirect hazard is eliminated by the decision.
Existing certifications do not fulfil the contents of the decision in its entirety.
Implementation starting from adoption of resolution; also running test and certification procedures must consider this resolution. Existing certificates have to be cancelled within 3 months (with a period of notice of 3 months maximum).

C-category – Test harmonization/safety increase
The decision is to guarantee that all test houses in future will conduct their tests according to the same standard, or the safety of the products will be increased. Nevertheless, old products still fulfil the minimum requirements.
Implementation at the latest after 3 months starting from adoption of resolutions, in order to be able to complete current tests.
Considering the test principle (DOC/DOW), existing certificates can be running up to the end of the 5 years cycle.

Critical regulation related to HOUS product

和家电有关的法规

Regulation No. 法规号	Affected Standard 标准	Affected product 产品	Issued date 发布时间
2017/1357	EN 60335-2-9	grills, toasters and similar portable cooking appliances	2019-07-19

Note:

1. Indicated in red colour: new update and DOW not within next 12 months

   红色表示：新更新的标准，它的旧版标准的过期时间在 12 个月后

2. Indicated in blue colour: new update and DOW within next 12 months

   蓝色表示：新更新的标准，它的旧版标准的过期时间在 12 个月内

3. Indicated in yellow colour: the latest IEC standard update this year

   黄色表示：新更新最新版本的 IEC 标准

4. Indicated in purple colour: this standard is not harmonized standard published in the EU official journal

   紫色表示：该标准还不是公布在欧盟官方文献的协调标准

5. Indicated in green color: Standards update in the EU official journal

   绿色表示：在官方文献公布的协调标准最新更新

From the DOW onwards, any product falling into the scope of the relevant safety Directive should comply with the new amendment / edition of standard for DEKRA certification.

在指令失效日期后，任何申请或已申请 DEKRA 认证的产品，只要是在相关指令范围之内，都必须符合这个最新指令的要求。

We would like to remind you that your products, which have already been certified by DEKRA without the consideration of the above Directive but they would still be available from the market after the corresponding DOW, should be resent to the respective DEKRA laboratory, in order to make sure that your product meets the requirement of new Directive.

我们想告诉您的是，如果您的产品在 DEKRA 认证时没有考虑以上更新的指令，而这些产品在旧指令失效日期后还将在市场上流通，那么您必须把产品重新送到 DEKRA 的相关实验室进行测试，以便确保您的产品符合最新的指令要求。

Please call our account manager for more details.

如需了解更多信息，请与我们的客户经理联系。

Yours faithfully,

Cliff Lin, 2026-09-30
Certification & Follow-Up Services,
Mainland China

Annex I

Obligations of suppliers in relation to the product database

1. As from 1 January 2019, the supplier shall, before placing on the market a unit of a new model covered by a delegated act, enter in the public and compliance parts of the product database the information for that model, as set out in Annex I.

   2019 年 1 月 1 日后，新型号上市前，供货商应先把相关的信息录入产品数据库

2. Where units of models covered by a delegated act are placed on the market between 1 August 2017 and 1 January 2019, the supplier shall, by 30 June 2019, enter in the product database the information set out in Annex I in relation to those models. Until data entry in the product database, the supplier shall make an electronic version of the technical documentation available for inspection within 10 days of a request received from market surveillance authorities or the Commission.

   2017 年 8 月 1 日到 2019 年 1 月 1 日之间上市型号，供货商最迟要在 2019 年 6 月 30 日前录入信息到产品数据库

3. The supplier may enter in the product database the information for models, as set out in Annex I, the units of which were exclusively placed on the market before 1 August 2017.

   2017 年 8 月 1 日前上市的产品，供货商也可以选择录入信息到产品数据库

4. A product for which changes are made that are relevant for the label or the product information sheet shall be considered to be a new model. The supplier shall indicate in the database when it no longer places on the market units of a model.

   如果产品更改设计标贴和产品信息的，也认为是新型号。如果产品不再投放市场的，供货商要在数据库里注明

5. The obligations referred to in paragraphs 1 and 2 of this Article shall not apply to packages of heaters referred to in Commission Delegated Regulations EU No 811/2013, EU No 812/2013 and EU 2015/1187 , where the provision of labels for those packages is the sole responsibility of the dealer.

   上述 1、2 条要求，对于 EU No 811/2013, EU No 812/2013 and EU 2015/1187 对应的各种类型加热器不适用

6. After the final unit of a model has been placed on the market, the supplier shall keep the information concerning that model in the compliance part of the product database for a period of 15 years. Where appropriate in relation to the average life span of a product, a shorter retention period may be provided for pursuant to point (q) of Article 16(3). The information in the public part of the database shall not be deleted.

   某型号产品停止销售后，供货商要至少保留数据库信息 15 年。如果考虑到产品的平均寿命，信息保留期限可以少于 15 年，但在数据库里的信息不能删除。

Annex II

Annex II

rechargeable portable batteries

‘portable battery’ means a battery that is sealed, weighs 5 kg or less, is not designed specifically for industrial use and is neither an electric vehicle battery, an LMT battery, nor an SLI battery;

‘portable battery of general use’ means a portable battery, whether or not rechargeable, that is specifically designed to be interoperable and that has one of the following common formats 4,5 Volts (3R12), button cell, D, C, AA, AAA, AAAA, A23, 9 Volts (PP3);

Battery type 电池类型	Period 时间线	Requirement 要求	Regulation 电池法规条款号
All batteries	From 18 February 2024	restrictions set out in Annex XVII to Regulation (EC) No 1907/2006	Article 6/ Annex I Restrictions on substances
	From 18 February 2024	2000/53/EC 4.2. (a) :materials and components of vehicles put on the market after 1 July 2003 do not contain lead, mercury, cadmium or hexavalent chro mium other than in cases listed in Annex II under the conditions specified therein;	
	From 18 February 2024	1.Mercury: Batteries, whether or not incorporated into appliances, light means of transport or other vehicles, shall not contain more than 0,0005 % of mercury (expressed as mercury metal) by weight.	
	From February 18 2024	2.Cadmium: Portable batteries, whether or not incorporated into appliances, light means of transport or other vehicles, shall not contain more than 0,002 % of cadmium (expressed as cadmium metal) by weight.	
	From 18 August 2024	3.Lead: portable batteries, whether or not incorporated into appliances, shall not contain more than 0,01 % of lead (expressed as lead metal) by weight.	
	after 18 August 2028	3.lead:The restriction set out in point 1 shall not apply to portable zinc-air button cells	
All batteries containing ~~more than 0,002 % cadmium or~~ more than 0,004 % lead	from 18 February 2024	chemical symbol for the metal concerned: ~~Cd or~~ Pb.	Article 13 Labelling and marking of batteries
All batteries	From 18 August 2024	1.accompanied by instructions and safety information in an official language 2.marked and labelled in accordance with Article 13 3. draw up an EU declaration of conformity 4.affix the CE marking	Article 41 Obligations of importers

		5. keep the technical documentation 6.bear a model identification and batch or serial number, or product number or another element allowing their identification 7. name, registered trade name or registered trade mark, their postal address, indicating a single contact point, and, if available, web and email address	
all batteries	From 18 August 2025	separate collection of batteries 分类收集符号	Article 13 Labelling and marking of batteries
a) lead-acid batteries b)lithium-based batteries; (c) nickel-cadmium batteries; (d) other waste batteries.	By 31 December 2025	recycling efficiency a)recycling of 75 % by average weight b)recycling of 65 % by average weight c) recycling of 80 % by average weight d) recycling of 50 % by average weight	Article 71 and Part B of annex XII Targets for recycling efficiency
All batteries	From 18 August 2026	containing the general information on batteries set out in Part A of Annex VI. 1.the manufacturer 2.battery category and information identifying the battery 3.the place of manufacture 4.the date of manufacture 5.weight 6.capacity 7.chemistry 8.hazardous substances present in the battery, other than mercury, cadmium or lead 9.usable extinguishing agent 10.critical raw materials present in the battery in a concentration of more than 0,1 % weight by weight	Article 13 Labelling and marking of batteries
rechargeable portable batteries, LMT batteries and SLI batteries	From 18 August 2026	containing information on their capacity 容量信息	Article 13 Labelling and marking of batteries
portable batteries and LMT batteries	From 18 February 2027	batteries are readily removable and replaceable by the end-user at any time during the lifetime of the product. That obligation shall only apply to entire batteries and not to individual cells or other parts included in such batteries	Article 11 Removability and replaceability of portable batteries and LMT batteries
all batteries 所有电池	From 18 February 2027	QR code 二维码	Article 13 Labelling and marking of batteries
All batteries	31 December	(a) 90 % for cobalt;	Article 71 and Part B

	2027	(b) 90 % for copper; (c) 90 % for lead; (d) 50 % for lithium; (e) 90 % for nickel.	of annex XII Targets for recovery of materials
portable batteries of general use, rechargeable batteries 可充电一般用途的便携式电池,	From 2028-8-18	Rated capacity 额定容量 Charge (capacity) retention 充电容量保持率 Charge (capacity) recovery 充电容量恢复 Endurance in cycles 循环寿命 Resistance to leakage 抗泄漏性	Article 9 Annex III, part A Electromechanical Performance and durability
(a) lead-acid batteries; (b) lithium-based batteries	By 31 December 2030	a)recycling of 80 % by average weight b) recycling of 70 % by average weight	Article 71 and part B of annex XII Targets for recycling efficiency
All batteries	31 December 2031	recycling efficiency (a) 95 % for cobalt; (b) 95 % for copper; (c) 95 % for lead; (d) 80 % for lithium; (e) 95 % for nickel.	Article 71 and Part B of annex XII Targets for recovery of materials

non-rechargeable portable batteries

‘portable battery’ means a battery that is sealed, weighs 5 kg or less, is not designed specifically for industrial use and is neither an electric vehicle battery, an LMT battery, nor an SLI battery;

‘portable battery of general use’ means a portable battery, whether or not rechargeable, that is specifically designed to be interoperable and that has one of the following common formats 4,5 Volts (3R12), button cell, D, C, AA, AAA, AAAA, A23, 9 Volts (PP3);

Battery type 电池类型	Period 时间线	Requirement 要求	Regulation 电池法规条款号
All batteries	From 18 February 2024	restrictions set out in Annex XVII to Regulation (EC) No 1907/2006	Article 6/ Annex I Restrictions on substances
	From 18 February 2024	2000/53/EC 4.2. (a) :materials and components of vehicles put on the market after 1 July 2003 do not contain lead, mercury, cadmium or hexavalent chro mium other than in cases listed in Annex II under the conditions specified therein;	
	From 18 February 2024	1.Mercury: Batteries, whether or not incorporated into appliances, light means of transport or other vehicles, shall not contain more than 0,0005 % of mercury (expressed as mercury metal) by weight.	
	From February 18 2024	2.Cadmium: Portable batteries, whether or not incorporated into appliances, light means of transport or other vehicles, shall not contain more than 0,002 % of cadmium (expressed as cadmium metal) by weight.	
	From 18 August 2024	3.Lead: portable batteries, whether or not incorporated into appliances, shall not contain more than 0,01 % of lead (expressed as lead metal) by weight.	
	after 18 August 2028	3.lead:The restriction set out in point 1 shall not apply to portable zinc-air button cells	
All batteries containing ~~more than 0,002 % cadmium or~~ more than 0,004 % lead	from 18 February 2024	chemical symbol for the metal concerned: ~~Cd or~~ Pb.	Article 13 Labelling and marking of batteries
All batteries	From 18 August 2024	1.accompanied by instructions and safety information in an official language 2.marked and labelled in accordance with Article 13 3. draw up an EU declaration of conformity 4.affix the CE marking 5. keep the technical documentation	Article 41 Obligations of importers

		6.bear a model identification and batch or serial number, or product number or another element allowing their identification 7. name, registered trade name or registered trade mark, their postal address, indicating a single contact point, and, if available, web and email address	
all batteries	From 18 August 2025	separate collection of batteries 分类收集符号	Article 13 Labelling and marking of batteries
a) lead-acid batteries b)lithium-based batteries; (c) nickel-cadmium batteries; (d) other waste batteries.	By 31 December 2025	a)recycling of 75 % by average weight b)recycling of 65 % by average weight c) recycling of 80 % by average weight d) recycling of 50 % by average weight	Article 71 and Part B of annex XII Targets for recycling efficiency
All batteries	From 18 August 2026	containing the general information on batteries set out in Part A of Annex VI. 1.the manufacturer 2.battery category and information identifying the battery 3.the place of manufacture 4.the date of manufacture 5.weight 6.capacity 7.chemistry 8.hazardous substances present in the battery, other than mercury, cadmium or lead 9.usable extinguishing agent 10.critical raw materials present in the battery in a concentration of more than 0,1 % weight by weight	Article 13 Labelling and marking of batteries
non-rechargeable portable batteries	From 18 August 2026	bear a label containing information on their minimum average duration when used in specific applications and a label indicating 'non-rechargeable '	Article 13 Labelling and marking of batteries
portable batteries and LMT batteries	From 18 February 2027	batteries are readily removable and replaceable by the end-user at any time during the lifetime of the product. That obligation shall only apply to entire batteries and not to individual cells or other parts included in such batteries	Article 11 Removability and replaceability of portable batteries and LMT batteries
all batteries	From 18 February 2027	QR code 二维码	Article 13 Labelling and marking of batteries
All batteries	31 December 2027	(a) 90 % for cobalt; (b) 90 % for copper; (c) 90 % for lead;	Article 71 and Part B of annex XII Targets for recovery of

		(d) 50 % for lithium; (e) 90 % for nickel.	materials
portable batteries of general use, non-rechargeable batteries	From 2028-8-18	Minimum average duration 最小平均使用时间 Delayed discharge performance Resistance to leakage 抗泄漏性	Article 9 Annex III, Part A Performance and durability requirements
(a) lead-acid batteries; (b) lithium-based batteries	By 31 December 2030	a)recycling of 80 % by average weight b) recycling of 70 % by average weight	Article 71 and part B of annex XII Targets for recycling efficiency
All batteries	31 December 2031	(a) 95 % for cobalt; (b) 95 % for copper; (c) 95 % for lead; (d) 80 % for lithium; (e) 95 % for nickel.	Article 71 and Part B of annex XII Targets for recovery of materials

starting, lighting and ignition batteries (SLI batteries)
'starting, lighting and ignition battery' or 'SLI battery' means a battery that is specifically designed to supply electric power for starting, lighting, or ignition and that can also be used for auxiliary or backup purposes in vehicles, other means of transport or machinery;

Battery type 电池类型	Period 时间线	Requirement 要求	Regulation 电池法规条款号
All batteries	From 18 February 2024	restrictions set out in Annex XVII to Regulation (EC) No 1907/2006	Article 6/ Annex I Restrictions on substances
	From 18 February 2024	2000/53/EC 4.2. (a) :materials and components of vehicles put on the market after 1 July 2003 do not contain lead, mercury, cadmium or hexavalent chro mium other than in cases listed in Annex II under the conditions specified therein;	
	From 18 February 2024	restrictions set out in Annex XVII to Regulation (EC) No 1907/2006	
	From 18 February 2024	2000/53/EC 4.2. (a) :materials and components of vehicles put on the market after 1 July 2003 do not contain lead, mercury, cadmium or hexavalent chro mium other than in cases listed in Annex II under the conditions specified therein;	
	From 18 February 2024	1.Mercury: Batteries, whether or not incorporated into appliances, light means of transport or other vehicles, shall not contain more than 0,0005 % of mercury (expressed as mercury metal) by weight.	
	From February 18 2024	2.Cadmium: Portable batteries, whether or not incorporated into appliances, light means of transport or other vehicles, shall not contain more than 0,002 % of cadmium (expressed as cadmium metal) by weight.	
	From 18 August 2024	3.Lead: portable batteries, whether or not incorporated into appliances, shall not contain more than 0,01 % of lead (expressed as lead metal) by weight.	
	after 18 August 2028	3.lead:The restriction set out in point 1 shall not apply to portable zinc-air button cells	
All batteries containing more than 0,002 % cadmium or more than 0,004 % lead	from 18 February 2024	chemical symbol for the metal concerned: Cd or Pb.	Article 13 Labelling and marking of batteries
All batteries	From 18 August 2024	1.accompanied by instructions and safety information in an official language 2.marked and labelled in	Article 41 Obligations of importers

		accordance with Article 13 3. draw up an EU declaration of conformity 4.affix the CE marking 5. keep the technical documentation 6.bear a model identification and batch or serial number, or product number or another element allowing their identification 7. name, registered trade name or registered trade mark, their postal address, indicating a single contact point, and, if available, web and email address	
all batteries	From 18 August 2025	separate collection of batteries 分类收集符号	Article 13 Labelling and marking of batteries
a) lead-acid batteries b)lithium-based batteries; (c) nickel-cadmium batteries; (d) other waste batteries.	By 31 December 2025	a)recycling of 75 % by average weight b)recycling of 65 % by average weight c) recycling of 80 % by average weight d) recycling of 50 % by average weight	Article 71 and Part B of annex XII Targets for recycling efficiency
All batteries	From 18 August 2026	containing the general information on batteries set out in Part A of Annex VI. 1.the manufacturer 2.battery category and information identifying the battery 3.the place of manufacture 4.the date of manufacture 5.weight 6.capacity 7.chemistry 8.hazardous substances present in the battery, other than mercury, cadmium or lead 9.usable extinguishing agent 10.critical raw materials present in the battery in a concentration of more than 0,1 % weight by weight	Article 13 Labelling and marking of batteries
rechargeable portable batteries, LMT batteries and SLI batteries	From 18 August 2026	containing information on their capacity 容量信息	Article 13 Labelling and marking of batteries
all batteries	From 18 February 2027	QR code 二维码	Article 13 annex VI C Labelling and marking of batteries
SLI batteries	From 18 February 2027	the amount of cobalt, lead, lithium or nickel recovered from waste and present in active materials in the battery,	Article 13 Labelling and marking of batteries

All batteries	31 December 2027	(a) 90 % for cobalt; (b) 90 % for copper; (c) 90 % for lead; (d) 50 % for lithium; (e) 90 % for nickel.	Article 71 and Part B of annex XII Targets for recovery of materials
(a) lead-acid batteries; (b) lithium-based batteries	By 31 December 2030	a)recycling of 80 % by average weight b) recycling of 70 % by average weight	Article 71 and part B of annex XII Targets for recycling efficiency
All batteries	31 December 2031	(a) 95 % for cobalt; (b) 95 % for copper; (c) 95 % for lead; (d) 80 % for lithium; (e) 95 % for nickel.	Article 71 and Part B of annex XII Targets for recovery of materials

light means of transport batteries (LMT batteries)

'light means of transport battery' or 'LMT battery' means a battery that is sealed, weighs 25 kg or less and is specifically designed to provide electric power for the traction of wheeled vehicles that can be powered by an electric motor alone or by a combination of motor and human power, including type-approved vehicles of category L within the meaning of Regulation (EU) No 168/2013 of the European Parliament and of the Council, and that is not an electric vehicle battery;

Battery type 电池类型	Period 时间线	Requirement 要求	Regulation 电池法规条款号
All batteries	From 18 February 2024	restrictions set out in Annex XVII to Regulation (EC) No 1907/2006	Article 6/ Annex I Restrictions on substances
	From 18 February 2024	2000/53/EC 4.2. (a) :materials and components of vehicles put on the market after 1 July 2003 do not contain lead, mercury, cadmium or hexavalent chro mium other than in cases listed in Annex II under the conditions specified therein;	
	From 18 February 2024	1.Mercury: Batteries, whether or not incorporated into appliances, light means of transport or other vehicles, shall not contain more than 0,0005 % of mercury (expressed as mercury metal) by weight.	
	From February 18 2024	2.Cadmium: Portable batteries, whether or not incorporated into appliances, light means of transport or other vehicles, shall not contain more than 0,002 % of cadmium (expressed as cadmium metal) by weight.	
	From 18 August 2024	3.Lead: portable batteries, whether or not incorporated into appliances, shall not contain more than 0,01 % of lead (expressed as lead metal) by weight.	
	after 18 August 2028	3.lead:The restriction set out in point 1 shall not apply to portable zinc-air button cells	
All batteries ~~containing more than 0,002 % cadmium or~~ more than 0,004 % lead	from 18 February 2024 2024 年 2 月 18 日	chemical symbol for the metal concerned: ~~Cd or~~ Pb.	Article 13 Labelling and marking of batteries
All batteries	From 18 August 2024	1.accompanied by instructions and safety information in an official language 2.marked and labelled in accordance with Article 13 3. draw up an EU declaration of conformity 4.affix the CE marking 5. keep the technical documentation 6.bear a model identification and batch or serial number, or	Article 41 Obligations of importers

		product number or another element allowing their identification 7. name, registered trade name or registered trade mark, their postal address, indicating a single contact point, and, if available, web and email address	
rechargeable industrial batteries, LMT batteries and electric vehicle batteries	From 18 August 2024	Parameters related to electrochemical performance and durability 1. Rated capacity (in Ah) and capacity fade (in %). 2. Power (in W) and power fade (in %). 3. Internal resistance (in Ω) and internal resistance increase (in %). 4. energy round trip efficiency and its fade (in %). 5. The expected life-time of the battery	Article 10 and Annex IV part A Performance and durability requirements for rechargeable industrial batteries, LMT batteries and electric vehicle batteries
all batteries	From 18 August 2025	separate collection of batteries 分类收集符号	Article 13 Labelling and marking of batteries
a) lead-acid batteries b)lithium-based batteries; (c) nickel-cadmium batteries; (d) other waste batteries.	By 31 December 2025	a)recycling of 75 % by average weight b)recycling of 65 % by average weight c) recycling of 80 % by average weight d) recycling of 50 % by average weight	Article 71 and Part B of annex XII Targets for recycling efficiency
All batteries	From 18 August 2026	containing the general information on batteries set out in Part A of Annex VI. 1.the manufacturer 2.battery category and information identifying the battery 3.the place of manufacture 4.the date of manufacture 5.weight 6.capacity 7.chemistry 8.hazardous substances present in the battery, other than mercury, cadmium or lead 9.usable extinguishing agent 10.critical raw materials present in the battery in a concentration of more than 0,1 % weight by weight	Article 13 Labelling and marking of batteries
rechargeable portable batteries, LMT batteries and SLI batteries	From 18 August 2026	containing information on their capacity 容量信息	Article 13 Labelling and marking of batteries
portable batteries and LMT batteries	From 18 February 2027	batteries are readily removable and replaceable by the end-user at any time during the lifetime of the product. That	Article 11 Removability and replaceability of portable batteries and

		obligation shall only apply to entire batteries and not to individual cells or other parts included in such batteries	LMT batteries
all batteries 所有电池	From 18 February 2027	QR code 二维码	Article 13 annex VI C Labelling and marking of batteries
LMT batteries and electric vehicle batteries	From 18 February 2027	battery passport shall comprise (a) information accessible to the general public in accordance with point 1 of Annex XIII; (b) information accessible only to notified bodies, market surveillance authorities and the Commission in accordance with points 2 and 3 of Annex XIII; and (c) information accessible only to any natural or legal person with a legitimate interest in accessing and processing that information for the purposes referred to in points (a) and (b) of the third subparagraph in accordance with points 2 and 4 of Annex XIII.	Article 77 Battery passport
All batteries	31 December 2027	(a) 90 % for cobalt; (b) 90 % for copper; (c) 90 % for lead; (d) 50 % for lithium; (e) 90 % for nickel.	Article 71 and Part B of annex XII Targets for recovery of materials
LMT batteries	From 18 February 2028	Draw up carbon footprint declaration (a) administrative information about the manufacturer; (b) information about the battery model; c) information about the geographic location of the battery manufacturing plant; (d) the carbon footprint of the battery, calculated as kg of carbon dioxide equivalent per one kWh of the total energy provided by the battery over its expected service life; (e) the carbon footprint of the battery differentiated according to life cycle stage as described in point 4 of Annex II; (f) the identification number of the EU declaration of conformity of the battery; (g) a web link giving access to a public version of the study supporting the carbon footprint values referred to in points (d) and (e).	Article 7, 1 Carbon footprint of electric vehicle batteries, rechargeable industrial batteries and LMT batteries
LMT batteries	From 2028-8-18	Meet minimum values for the electrochemical performance	Article 10 3 and annex IV Part A

		and durability parameters	Performance and durability requirements for rechargeable industrial batteries, LMT batteries and electric vehicle batteries
LMT batteries	by 31 December 2028	collection targets of waste LMT batteries (a) 51 %	Article 60 Collection of waste LMT batteries 1.
LMT batteries	From 18 February 2030	carbon footprint performance class	Article 7, 2 Carbon footprint of electric vehicle batteries, rechargeable industrial batteries and LMT batteries
(a) lead-acid batteries; (b) lithium-based batteries	By 31 December 2030	a)recycling of 80 % by average weight b) recycling of 70 % by average weight	Article 71 and part B of annex XII Targets for recycling efficiency
LMT batteries	From 18 August 2031	maximum life cycle carbon footprint threshold	Article 7, 3 Carbon footprint of electric vehicle batteries, rechargeable industrial batteries and LMT batteries
industrial batteries except those with exclusively external storage, electric vehicle batteries, LMT batteries and SLI batteries	From 18 August 2031	minimum percentage recovered from battery manufacturing waste and/or post-consumer waste (a) 16 % cobalt; (b) 85 % lead; (c) 6 % lithium; (d) 6 % nickel.	Article 8 Recycled content in industrial batteries, electric vehicle batteries, LMT batteries and SLI batteries
LMT batteries	by 31 December 2031	collection targets of waste LMT batteries (a) 61 %	Article 60 Collection of waste LMT batteries 1.
All batteries	From 31 December 2031	recycling efficiency (a) 95 % for cobalt; (b) 95 % for copper; (c) 95 % for lead; (d) 80 % for lithium; (e) 95 % for nickel.	Article 71 and Part B of annex XII Targets for recovery of materials
LMT batteries	From 18 August 2033	1)documentation containing information about the percentage share of cobalt, lithium or nickel that is present in active materials 2)recovered from battery manufacturing waste or post-consumer waste 3)the percentage share of lead that is present in the battery and that has been recovered from waste Note: for each battery model per year and per manufacturing	Article 8 Recycled content in industrial batteries, electric vehicle batteries, LMT batteries and SLI batteries

		plant.	
industrial batteries except those with exclusively external storage, electric vehicle batteries, LMT batteries and SLI batteries	From 18 August 2036	minimum percentage recovered from battery manufacturing waste and/or post-consumer waste (a) 26 % cobalt; (b) 85 % lead; (c) 12 % lithium; (d) 15 % nickel.	Article 8 Recycled content in industrial batteries, electric vehicle batteries, LMT batteries and SLI batteries

industrial batteries,

‘industrial battery’ means a battery that is specifically designed for industrial uses, intended for industrial uses after having been subject to preparation for repurposing or repurposing, or any other battery that weighs more than 5 kg and that is neither an electric vehicle battery, an LMT battery, nor an SLI battery

Battery type 电池类型	Period 时间线	Requirement 要求	Regulation 电池法规条款号
All batteries	From 18 February 2024	restrictions set out in Annex XVII to Regulation (EC) No 1907/2006	Article 6/ Annex I Restrictions on substances
	From 18 February 2024	2000/53/EC 4.2. (a) :materials and components of vehicles put on the market after 1 July 2003 do not contain lead, mercury, cadmium or hexavalent chro mium other than in cases listed in Annex II under the conditions specified therein;	
	From 18 February 2024	1.Mercury: Batteries, whether or not incorporated into appliances, light means of transport or other vehicles, shall not contain more than 0,0005 % of mercury (expressed as mercury metal) by weight.	
	From February 18 2024	2.Cadmium: Portable batteries, whether or not incorporated into appliances, light means of transport or other vehicles, shall not contain more than 0,002 % of cadmium (expressed as cadmium metal) by weight.	
	From 18 August 2024	3.Lead: portable batteries, whether or not incorporated into appliances, shall not contain more than 0,01 % of lead (expressed as lead metal) by weight.	
	after 18 August 2028	3.lead:The restriction set out in point 1 shall not apply to portable zinc-air button cells	
All batteries ~~containing more than 0,002 % cadmium or~~ more than 0,004 % lead	from 18 February 2024	chemical symbol for the metal concerned: ~~Cd or~~ Pb.	Article 13 Labelling and marking of batteries
All batteries	From 18 August 2024	1.accompanied by instructions and safety information in an official language 2.marked and labelled in accordance with Article 13 3. draw up an EU declaration of conformity 4.affix the CE marking 5. keep the technical documentation 6.bear a model identification and batch or serial number, or	Article 41 Obligations of importers

		product number or another element allowing their identification 7. name, registered trade name or registered trade mark, their postal address, indicating a single contact point, and, if available, web and email address	
rechargeable industrial batteries, LMT batteries and electric vehicle batteries	From 18 August 2024	Parameters related to electrochemical performance and durability 1. Rated capacity (in Ah) and capacity fade (in %). 2. Power (in W) and power fade (in %). 3. Internal resistance (in Ω) and internal resistance increase (in %). 4. energy round trip efficiency and its fade (in %). 5. The expected life-time of the battery	Article 10 and Annex IV part A Performance and durability requirements for rechargeable industrial batteries, LMT batteries and electric vehicle batteries
all batteries	From 18 August 2025	separate collection of batteries 分类收集符号	Article 13 Labelling and marking of batteries
a) lead-acid batteries b)lithium-based batteries; (c) nickel-cadmium batteries; (d) other waste batteries.	By 31 December 2025	a)recycling of 75 % by average weight b)recycling of 65 % by average weight c) recycling of 80 % by average weight d) recycling of 50 % by average weight	Article 71 and Part B of annex XII Targets for recycling efficiency
rechargeable industrial batteries except those with exclusively external storage	18 February 2026	carbon footprint declaration	Article 7,1 Carbon footprint of electric vehicle batteries, rechargeable industrial batteries and LMT batteries
All batteries	From 18 August 2026	containing the general information on batteries set out in Part A of Annex VI. 1.the manufacturer 2.battery category and information identifying the battery 3.the place of manufacture 4.the date of manufacture 5.weight 6.capacity 7.chemistry 8.hazardous substances present in the battery, other than mercury, cadmium or lead 9.usable extinguishing agent 10.critical raw materials present in the battery in a concentration of more than 0,1 % weight by weight	Article 13 Labelling and marking of batteries

rechargeable portable batteries, LMT batteries and SLI batteries	From 18 August 2026	containing information on their capacity	Article 13 Labelling and marking of batteries
portable batteries and LMT batteries	From 18 February 2027	batteries are readily removable and replaceable by the end-user at any time during the lifetime of the product. That obligation shall only apply to entire batteries and not to individual cells or other parts included in such batteries	Article 11 Removability and replaceability of portable batteries and LMT batteries
all batteries	From 18 February 2027	QR code 二维码	Article 13 annex VI C Labelling and marking of batteries
~~LMT batteries and electric vehicle battery~~	~~From 18 February 2027~~	~~battery passport shall comprise (a) information accessible to the general public in accordance with point 1 of Annex XIII; (b) information accessible only to notified bodies, market surveillance authorities and the Commission in accordance with points 2 and 3 of Annex XIII; and (c) information accessible only to any natural or legal person with a legitimate interest in accessing and processing that information for the purposes referred to in points (a) and (b) of the third subparagraph in accordance with points 2 and 4 of Annex XIII.~~	~~Article 77 Battery passport~~
rechargeable industrial batteries except those with exclusively external storage	18 August 2027	carbon footprint performance class requirements	Article 7 2 Carbon footprint of electric vehicle batteries, rechargeable industrial batteries and LMT batteries
All batteries	31 December 2027	(a) 90 % for cobalt; (b) 90 % for copper; (c) 90 % for lead; (d) 50 % for lithium; (e) 90 % for nickel.	Article 71 and Part B of annex XII Targets for recovery of materials
electric vehicle batteries, rechargeable industrial batteries and LMT batteries	From 18 February 2028	Draw up carbon footprint declaration (a) administrative information about the manufacturer; (b) information about the battery model; c) information about the geographic location of the battery manufacturing plant; (d) the carbon footprint of the battery, calculated as kg of carbon dioxide equivalent per one kWh of the total energy provided by the battery over its	Article 7, 1 Carbon footprint of electric vehicle batteries, rechargeable industrial batteries and LMT batteries

		expected service life; (e) the carbon footprint of the battery differentiated according to life cycle stage as described in point 4 of Annex II; (f) the identification number of the EU declaration of conformity of the battery; (g) a web link giving access to a public version of the study supporting the carbon footprint values referred to in points (d) and (e).	
LMT batteries	From 2028-8-18	Meet minimum values for the electrochemical performance and durability parameters	Article 10 3 and annex IV Part A Performance and durability requirements for rechargeable industrial batteries, LMT batteries and electric vehicle batteries
LMT batteries	by 31 December 2028	collection targets of waste LMT batteries (a) 51 %	Article 60 Collection of waste LMT batteries 1.
rechargeable industrial batteries except those with exclusively external storage	From 18 February 2029	carbon footprint declaration	Article 7, 3 Carbon footprint of electric vehicle batteries, rechargeable industrial batteries and LMT batteries
LMT batteries	From 18 February 2030	carbon footprint performance class	Article 7, 2 Carbon footprint of electric vehicle batteries, rechargeable industrial batteries and LMT batteries
rechargeable industrial batteries except those with exclusively external storage	18 August 2030	carbon footprint declaration	Article 7, 1 Carbon footprint of electric vehicle batteries, rechargeable industrial batteries and LMT batteries
(a) lead-acid batteries; (b) lithium-based batteries	By 31 December 2030	a)recycling of 80 % by average weight b) recycling of 70 % by average weight	Article 71 and part B of annex XII Targets for recycling efficiency
industrial batteries except those with exclusively external storage, electric vehicle batteries, LMT batteries and SLI batteries	From 18 August 2031	minimum percentage recovered from battery manufacturing waste and/or post-consumer waste (a) 16 % cobalt; (b) 85 % lead; (c) 6 % lithium; (d) 6 % nickel.	Article 8 Recycled content in industrial batteries, electric vehicle batteries, LMT batteries and SLI batteries
LMT batteries	From 18 August 2031	maximum life cycle carbon footprint threshold	Article 7, 3 Carbon footprint of

			electric vehicle batteries, rechargeable industrial batteries and LMT batteries
LMT batteries	by 31 December 2031	collection targets of waste LMT batteries (a) 61 %	Article 60 Collection of waste LMT batteries 1.
All batteries	From 31 December 2031	recycling efficiency (a) 95 % for cobalt; (b) 95 % for copper; (c) 95 % for lead; (d) 80 % for lithium; (e) 95 % for nickel.	Article 71 and Part B of annex XII Targets for recovery of materials
rechargeable industrial batteries with external storage	18 February 2032	carbon footprint declaration	Article 7, 2 Carbon footprint of electric vehicle batteries, rechargeable industrial batteries and LMT batteries
rechargeable industrial batteries with external storage	From 18 August 2033	carbon footprint declaration	Article 7, 3 Carbon footprint of electric vehicle batteries, rechargeable industrial batteries and LMT batteries
industrial batteries except those with exclusively external storage, electric vehicle batteries, LMT batteries and SLI batteries	From 18 August 2036	minimum percentage recovered from battery manufacturing waste and/or post-consumer waste (a) 26 % cobalt; (b) 85 % lead; (c) 12 % lithium; (d) 15 % nickel.	Article 8 Recycled content in industrial batteries, electric vehicle batteries, LMT batteries and SLI batteries

electric vehicle batteries

'electric vehicle battery' means a battery that is specifically designed to provide electric power for traction in hybrid or electric vehicles of category L as provided for in Regulation (EU) No 168/2013, that weighs more than 25 kg, or a battery that is specifically designed to provide electric power for traction in hybrid or electric vehicles of categories M, N or O as provided for in Regulation (EU) 2018/858;

Battery type 电池类型	Period 时间线	Requirement 要求	Regulation 电池法规条款号
All batteries	From 18 February 2024	restrictions set out in Annex XVII to Regulation (EC) No 1907/2006	Article 6/ Annex I Restrictions on substances
	From 18 February 2024	2000/53/EC 4.2. (a) :materials and components of vehicles put on the market after 1 July 2003 do not contain lead, mercury, cadmium or hexavalent chro mium other than in cases listed in Annex II under the conditions specified therein;	
	From 18 February 2024	1.Mercury: Batteries, whether or not incorporated into appliances, light means of transport or other vehicles, shall not contain more than 0,0005 % of mercury (expressed as mercury metal) by weight.	
	From February 18 2024	2.Cadmium: Portable batteries, whether or not incorporated into appliances, light means of transport or other vehicles, shall not contain more than 0,002 % of cadmium (expressed as cadmium metal) by weight.	
	From 18 August 2024	3.Lead: portable batteries, whether or not incorporated into appliances, shall not contain more than 0,01 % of lead (expressed as lead metal) by weight.	
	after 18 August 2028	3.lead:The restriction set out in point 1 shall not apply to portable zinc-air button cells	
All batteries ~~containing more than 0,002 % cadmium or~~ more than 0,004 % lead	from 18 February 2024 2024 年 2 月 18 日	chemical symbol for the metal concerned: ~~Cd or~~ Pb.	Article 13 Labelling and marking of batteries
All batteries	From 18 August 2024	1.accompanied by instructions and safety information in an official language 2.marked and labelled in accordance with Article 13 3. draw up an EU declaration of conformity 4.affix the CE marking 5. keep the technical documentation 6.bear a model identification and batch or serial number, or product number or another	Article 41 Obligations of importers

		element allowing their identification 7. name, registered trade name or registered trade mark, their postal address, indicating a single contact point, and, if available, web and email address	
rechargeable industrial batteries, LMT batteries and electric vehicle batteries	From 18 August 2024	Parameters related to electrochemical performance and durability 1. Rated capacity (in Ah) and capacity fade (in %). 2. Power (in W) and power fade (in %). 3. Internal resistance (in Ω) and internal resistance increase (in %). 4. energy round trip efficiency and its fade (in %). 5. The expected life-time of the battery	Article 10 and Annex IV part A Performance and durability requirements for rechargeable industrial batteries, LMT batteries and electric vehicle batteries
electric vehicle batteries;	18 February 2025	carbon footprint declaration	Article 7, 1 Carbon footprint of electric vehicle batteries, rechargeable industrial batteries and LMT batteries
all batteries	From 18 August 2025	separate collection of batteries 分类收集符号	Article 13 Labelling and marking of batteries
a) lead-acid batteries b)lithium-based batteries; (c) nickel-cadmium batteries; (d) other waste batteries.	By 31 December 2025	a)recycling of 75 % by average weight b)recycling of 65 % by average weight c) recycling of 80 % by average weight d) recycling of 50 % by average weight	Article 71 and Part B of annex XII Targets for recycling efficiency
All batteries 所有电池	From 18 August 2026	containing the general information on batteries set out in Part A of Annex VI. 1.the manufacturer 2.battery category and information identifying the battery 3.the place of manufacture 4.the date of manufacture 5.weight 6.capacity 7.chemistry 8.hazardous substances present in the battery, other than mercury, cadmium or lead 9.usable extinguishing agent 10.critical raw materials present in the battery in a concentration of more than 0,1 % weight by weight	Article 13 Labelling and marking of batteries
rechargeable portable	From 18 August	containing information on their	Article 13 Labelling

batteries, LMT batteries and SLI batteries	2026	capacity	and marking of batteries
electric vehicle batteries	From 18 August 2026	carbon footprint performance class requirements	Article 7 2 Carbon footprint of electric vehicle batteries, rechargeable industrial batteries and LMT batteries
portable batteries and LMT batteries	From 18 February 2027	batteries are readily removable and replaceable by the end-user at any time during the lifetime of the product. That obligation shall only apply to entire batteries and not to individual cells or other parts included in such batteries	Article 11 Removability and replaceability of portable batteries and LMT batteries
all batteries	From 18 February 2027	QR code	Article 13 Labelling and marking of batteries
LMT batteries and electric vehicle batteries	From 18 February 2027,	battery passport shall comprise (a) information accessible to the general public in accordance with point 1 of Annex XIII; (b) information accessible only to notified bodies, market surveillance authorities and the Commission in accordance with points 2 and 3 of Annex XIII; and (c) information accessible only to any natural or legal person with a legitimate interest in accessing and processing that information for the purposes referred to in points (a) and (b) of the third subparagraph in accordance with points 2 and 4 of Annex XIII.	Article 77 Battery passport
rechargeable industrial batteries with a capacity greater than 2 kWh, except those with exclusively external storage	From either 18 August 2027	Meet minimum values for the electrochemical performance and durability parameters	Article 10 2 and annex IV Part A Performance and durability requirements for rechargeable industrial batteries, LMT batteries and electric vehicle batteries
All batteries	31 December 2027	(a) 90 % for cobalt; (b) 90 % for copper; (c) 90 % for lead; (d) 50 % for lithium; (e) 90 % for nickel.	Article 71 and Part B of annex XII Targets for recovery of materials
electric vehicle batteries	From 18 February 2028	maximum life cycle carbon footprint threshold	Article 7, 3 Carbon footprint of electric vehicle batteries, rechargeable industrial batteries and

			LMT batteries
LMT batteries	by 31 December 2028	collection targets of waste LMT batteries (a) 51 %	Article 60 Collection of waste LMT batteries.
LMT batteries	From 18 February 2030	carbon footprint performance class	Article 7, 2 Carbon footprint of electric vehicle batteries, rechargeable industrial batteries and LMT batteries
rechargeable industrial batteries except those with exclusively external storage	18 August 2030	carbon footprint declaration	Article 7 Carbon footprint of electric vehicle batteries, rechargeable industrial batteries and LMT batteries
(a) lead-acid batteries; (b) lithium-based batteries	By 31 December 2030	a)recycling of 80 % by average weight b) recycling of 70 % by average weight	Article 71 and part B of annex XII Targets for recycling efficiency
industrial batteries except those with exclusively external storage, electric vehicle batteries and SLI batteries	From 18 August 2031	1)documentation containing information about the percentage share of cobalt, lithium or nickel that is present in active materials 2)recovered from battery manufacturing waste or post-consumer waste 3)the percentage share of lead that is present in the battery and that has been recovered from waste Note: for each battery model per year and per manufacturing plant.	Article 8, 2 Recycled content in industrial batteries, electric vehicle batteries, LMT batteries and SLI batteries
LMT batteries	by 31 December 2031	collection targets of waste LMT batteries (a) 61 %	Article 60 Collection of waste LMT batteries .
All batteries	From 31 December 2031	recycling efficiency (a) 95 % for cobalt; (b) 95 % for copper; (c) 95 % for lead; (d) 80 % for lithium; (e) 95 % for nickel.	Article 71 and Part B of annex XII Targets for recovery of materials
rechargeable industrial batteries with external storage	18 February 2032	carbon footprint declaration	Article 7 Carbon footprint of electric vehicle batteries, rechargeable industrial batteries and LMT batteries
industrial batteries except those with exclusively external storage, electric vehicle batteries, LMT batteries and SLI batteries	From 18 August 2036	minimum percentage recovered from battery manufacturing waste and/or post-consumer waste (a) 26 % cobalt; (b) 85 % lead; (c) 12 % lithium; (d) 15 % nickel.	Article 8, 3 Recycled content in industrial batteries, electric vehicle batteries, LMT batteries and SLI batteries

Annex III

EU 2025/40 packaging and packaging waste
包装和包装废弃物

Period 时间线	Requirement 要求	Regulation 法规条款号
From 12, August 2026	food-contact packaging shall not be placed on the market if it contains per- and polyfluorinated alkyl substances (PFAS) in a concentration equal to or above the following limit values to the extent that the placing on the market of packaging containing such a concentration of PFAS is not prohibited pursuant to another Union legal act: 食品接触包装 PFAS 限制生效	Article 5 Requirements for substances in packaging
From 12 August 2028	packaging placed on the market shall be marked with a harmonised label containing information on its material composition 统一包装标签要求生效 （含材料成分）	Article 12 Labelling of packaging
From 1 January 2030	minimum percentage of recycled content recovered from post-consumer plastic waste 塑料包装最低再生含量 (a) 30 % for (PET) (b) 10 % other than PET (c) 30 % for single-use plastic beverage bottles; (d) 35 % for plastic packaging other than those referred to in points (a), (b) and (c) of this paragraph maximum empty space ratio, expressed as a percentage, is 50 %. 重量体积最小 50% not place on the market packaging in the formats and for the uses listed in Annex V. 按照附录 V 的限制使用的包装样式	Article 7 Minimum recycled content in plastic packaging Article 24 Obligation related to excessive packaging Article 25 Restrictions on use of certain packaging formats ANNEX V Restrictions on use of packaging formats
From 1 January 2040	minimum percentage of recycled content recovered from post-consumer plastic waste 塑料包装最低再生含量提高 (a) 50 % PET (b) 25 % other than PET c) 65 % for single-use plastic beverage bottles; (d) 65 % for plastic packaging other than those referred to in points (a), (b) and (c) of this paragraph.	Article 7 Minimum recycled content in plastic packaging