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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, Toy, Noise Directive, RoHS, WEEE, REACH, Food Contact, EMF and ErP Directives**

**低电压、电磁兼容、机械指令、无线电设备、玩具、噪音指令、RoHS、WEEE、REACH、食物接触、电磁场和节能指令/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) 2020/1828 (EU) No 1025/2012 (EU) 2023/988	general product safety 通用产品安全法	13 December 2024
2001/95/EC		
2014/35/EU	Low voltage Directive (LVD) 低电压指令	
	EMC Directive (EMC) 电磁兼容指令	

(EU) 2023/1230	Machinery Directive (MD) 机械指令	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
2006/42/EC		
2014/53/EU (EU) 2022/2380	Radio equipment 无线电设备	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.
2009/48/EC	Toys Directives 玩具指令	
2000/14/EC 2005/88/EC	Noise Directive for Equipment for use outdoors 户外产品的噪音指令	
2009/125/EC	Eco-design requirements for energy-related products (ErP) 能源相关产品的生态化设计要求	
EU 2017/1369	Labeling and standard product information of the consumption of energy and other resources by energy-	*refer to annex 1

2010/30/EU	related products 能耗产品标贴及标准产品信息指令	2011-07-31
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
EC No 1907/2006 M76, 14.11.2023	REACH	235 last updated: 14-Jun-2023  更新到 235 14-Jun-2023
EU 2023/1542	Battery Regulation 电池指令	*Please refer to annex II for detail
2006/66/EC		
2013/56/EU		2015-07-01
EU 2018/849		30 May 2018+ 20 days
EU No 1103/2010	Capacity labeling 电池容量标贴	
EU 2019/1021	POPs (persistent organic pollutants) directive 持久性有机污染物(POPs)指令	2019-07-15



**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	
EU 2018/213	Bisphenol A in varnishes and coatings (清漆和涂层) 2,2-bis(4-hydroxyphenyl)propane ('BPA') CAS No 0000080-05-7 双酚 A	
EU 2018/831	Plastic materials and articles intended to come into contact with food	
(EU) 2019/37	Plastic materials and articles intended to come into contact with food	
EU 2019/988	Correction the French language version	
(EU) 2019/1338	Poly((R)-3-hydroxybutyrate-co-(R)-3-hydroxyhexanoate	
(EU)2020/1245	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) 2023/1442	plastic materials and articles intended to come into contact with food, as regards changes to substance authorisations and addition of new substances	12.7.2023+ twentieth day
(EU)2023/1627	the authorisation of the substance bis (2-ethylhexyl)cyclohexane-1,4-dicarboxylate (FCM No 1079)	11.8.2023 twentieth day

**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  EU 2020/1040  EU 2021/1068  EU 2022/992	Internal Combustion Engines for Non-road Mobile Machinery 非道路用内燃机排放指令  amending Regulation (EU) 2016/1628 as regards its transitional provisions in order to address the impact of the COVID-19 crisis  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  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	2019-01-01  1 July 2020

**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	Eco-design requirements for energy-related products (ErP) 能源相关产品的生态化设计要求	
	EC No 244/2009 EC No 859/2009 EU 2015/1428	Eco-design requirements for non-directional household lamps (including amendment on ultraviolet radiation) 家用非定向灯的生态化设计要求	
	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
	<p>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."</p>		
	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
	2010/30/EU		
	EU No 874/2012	energy labelling of electrical lamps and luminaires	Stage 1: 2013-09-01 阶段 1 Stage 2: 2014-03-01 阶段 2



	EU 2017/254 EU NO 518/2014	energy-related products on the internet	2016-12-20 2015-01-01
	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 2023/2048	energy labelling requirements of air conditioners, light sources, refrigerating appliances, and refrigerating appliances with a direct sales function	26.9.2023+4 <sup>th</sup> days

Product 产品	Related directive number 相关指令号	Directive name 指令	Date of withdrawal (DOW) 旧指令失效
fluorescent lamps without integrated ballast, for high intensity discharge lamps, and for ballasts and luminaires able to operate such lamp(including amendment) 非整合式荧光灯以及用此类灯的镇流器和灯具	2009/125/EC	Eco-design requirements for energy-related products (ErP) 能源相关产品的生态化设计要求	
	EC No 245/2009 EU No 347/2010 EU 2015/1428	Eco-design requirements for fluorescent lamps without integrated ballast, for high intensity discharge lamps, and for ballasts and luminaires able to operate such lamp(including amendment) 无集成镇流器荧光灯等生态化设计要求	
	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 能耗产品标帖及标准产品信息指令	*refer to annex 1
	2010/30/EU		
	EU No 874/2012	Energy labelling of electrical lamps and luminaires	Stage 1: 2013-09-01 阶段 1 Stage 2: 2014-03-01 阶段 2

	EU 2017/254		2016-12-20
	EU No 518/2014	Energy-related products on the internet	2015-01-01
	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 2023/2048	energy labelling requirements of air conditioners, light sources, refrigerating appliances, and refrigerating appliances with a direct sales function	26.9.2023+4 <sup>th</sup> days

Product 产品	Related directive number 相关指令号	Directive name 指令	Date of withdrawal (DOW) 旧指令失效
Directional lamps, light emitting diode lamps (LED) and related equipment 定向灯, LED 灯及相关的灯具	2009/125/EC	Eco-design requirements for energy-related products (ErP) 能源相关产品的生态化设计要求	
	EU No 1194/2012 EU 2015/1428	Eco-design requirements for directional lamps, light emitting diode lamps (LED) and related equipment 定向灯 LED 灯的生态化设计要求	2013-01-01 Stage 1, Sep, 2013  Stage 2, Sep, 2014  Stage 3, Sep, 2016
	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
	<p>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."</p>		
	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
	2010/30/EU		
	EU No 874/2012	Energy labelling of electrical lamps and luminaires	Stage 1: 2013-09-01 Stage 2: 2014-03-01
	EU 2017/254		2016-12-20

	EU NO 518/2014	Energy-related products on the internet	2015-01-01
	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 2023/2048	energy labelling requirements of air conditioners, light sources, refrigerating appliances, and refrigerating appliances with a direct sales function	26.9.2023+4 <sup>th</sup> 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	Eco-design requirements for energy-related products (ErP) 能源相关产品的生态化设计要求	
	EC No 643/2009 EU 2016/2282 EU 2019/2019	Eco-design requirements for household refrigerating appliances 家用电冰箱的生态化设计要求	2016-12-20 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
	2010/30/EU		
	EU No 1060/2010 EU 2017/254	Energy labeling of household refrigerating appliances 冰箱类产品能耗标帖指令	2016-12-20
	EU 2019/2016 Corrigendum:2020-02-24		1 Mar 2021
	Article 10 shall apply from 25 December 2019, <b>Article 10 Transitional measures</b> “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 NO 518/2014	Energy-related products on the internet	2015-01-01
	EU 2023/2048	energy labelling requirements of air conditioners, light sources, refrigerating appliances, and refrigerating appliances with a direct sales function	26.9.2023+4 <sup>th</sup> 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	Eco-design requirements for energy-related products (ErP) 能源相关产品的生态化设计要求	
	EU No 1015/2010 EU 2016/2282	Eco-design requirements for household washing machines 家用洗衣机的生态化设计要求	2016-12-20
	EU 2019/2023 Corrigendum:2020-02-24	household washing machines and household washer-dryers 家用洗衣机和家用洗衣烘干机	1 March 2021
	<p>Article 6, first paragraph, and Article 11 shall apply from 25 December 2019</p> <p>Article 6 Circumvention</p> <p>“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. ”</p>		
	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	
	<p>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.;</p>		
	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
	2010/30/EU		
	EU (NO) 1061/2010 EU 2017/254	Energy labeling of household washing machines 洗衣机能耗标帖指令	2016-12-20
	(EU) 2019/2014	household washing machines and household washer-dryers 家用洗衣机和家用洗衣烘干机	1 March 2021
<p>Article 10 shall apply from 25 December 2019</p> <p>Article 10, Transitional measures</p> <p>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.</p> <p>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.</p> <p>points 1(a) and 1(b) of Article 3 shall apply from 1 November 2020., Article 3, Obligations of suppliers</p> <p>Suppliers shall ensure that:</p> <p>(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;</p> <p>(b) the parameters of the product information sheet, as set out in Annex V, are entered into the product database;</p> <p>(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;</p>			
EU NO 518/2014	Energy-related products on the internet	2015-01-01	



	EN 60456:2016	Clothes washing machines for household use - Methods for measuring the performance	14/06/2017
	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
	(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
	1275/2008/EC	Standby, off mode electric power 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下的生态化设计要求,	
	EU 2016/2282		2016-12-20
	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	Eco-design requirements for energy-related products (ErP) 能源相关产品的生态化设计要求		
	EU No 1016/2010	Eco-design requirements for household dishwasher 家用洗碗机的生态化设计要求		
	EU 2016/2282		2016-12-20	
	EU 2019/2022		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	*refer to annex 1	
	2010/30/EU	能耗产品标贴及标准产品信息指令		
	EU (NO) 1059/2010	Energy labeling of household dishwashers 洗碗机产品能耗标贴指令		
	EU 2017/254		2016-12-20	
	EU NO 518/2014	Energy-related products on the internet	2015-01-01	
	(EU) 2019/2017	Energy labeling of household dishwashers 洗碗机产品能耗标贴指令	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) 2023/826	off mode, standby mode, and networked standby energy consumption of electrical and electronic household and office	It shall apply from 9 May 2025. However,		

		equipment 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
	1275/2008/EC	Standby, off mode electric power consumption of electrical and electronic household and office equipment, and amending Regulation EC No 642/2009 with regard to eco-design requirements for televisions 家用电子或办公设备在待机或关机模式下的生态化设计要求,修订电视机的生态化设计要求指令 642/2009	
	EU 2016/2282		2016-12-20
	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
	EN 60436:2020 EN 60436:2020/A11:2020 EN 60436:2020/AC:2020-06 EN 60436:2020/A12:2022	Electric dishwashers for household use – Methods for measuring the performance	12.9.2023

**refrigerating appliances with a direct sales function / 自动售卖机**

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	Eco-design requirements for energy-related products (ErP) 能源相关产品的生态化设计要求	
	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	
	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 2023/2048	energy labelling requirements of air conditioners, light sources, refrigerating appliances, and refrigerating appliances with a direct sales function	26.9.2023+4 <sup>th</sup> days

**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	Eco-design requirements for energy-related products (ErP) 能源相关产品的生态化设计要求	
	EU No 327/2011 EU 2016/2282	Eco-design requirements for fan 风机的生态化设计要求	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
	2010/30/EU		

**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	Eco-design requirements for energy-related products (ErP) 能源相关产品的生态化设计要求	
	(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
	2010/30/EU		
	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+4 <sup>th</sup> 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 cooling - Part 3: Test methods	January 2014
	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	Eco-design requirements for energy-related products (ErP) 能源相关产品的生态化设计要求	
	(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
	2010/30/EU		
	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	Eco-design requirements for energy-related products (ErP) 能源相关产品的生态化设计要求	
	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
	2010/30/EU	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



## 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	Eco-design requirements for energy-related products (ErP) 能源相关产品的生态化设计要求	2016-12-20
	(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 No.932/2012 EU 2016/2282	Eco-design requirements for household tumble driers 滚筒式干衣机生态化设计要求	2016-12-20
	EU 2017/1369	Labeling and standard product information of the consumption of energy and other resources by energy-related products	*refer to annex 1
	2010/30/EU	能耗产品标帖及标准产品信息指令	
	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
	(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
	1275/2008/EC EU 2016/2282	Standby, off mode electric power consumption of electrical and electronic household and office equipment, and amending Regulation EC No 642/2009 with regard to eco-design requirements for televisions 家用电子或办公设备在待机或关机模式下的生态化设计要求,修订电视机的生态化设计要求指令 642/2009	2016-12-20
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	Eco-design requirements for energy-related products (ErP) 能源相关产品的生态化设计要求	
	EU No 666/2013	Eco-design requirements for household vacuum cleaner 家用吸尘器生态化设计要求	Stage 1 阶段 1: 2014-09-01
	EU 2016/2282		Stage 2 阶段 2: 2017-09-01  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) 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
	1275/2008/EC	Standby, off mode electric power consumption of electrical and electronic household and office equipment, and amending Regulation EC No 642/2009 with regard to eco-design requirements for televisions 家用电子或办公设备在待机或关机模式下的生态化设计要求,修订电视机的生态化设计要求指令 642/2009	2016-12-20
	EU 2016/2282		
	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	Eco-design requirements for energy- related products (ErP) 能源相关产品的生态化设计要求	
	EU No 813/2013	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	2016-12-20
	EU 2016/2282	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	
	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
	2010/30/EU		
	EU No 811/2013	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 2017/254			
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	Eco-design requirements for energy-related products (ErP) 能源相关产品的生态化设计要求	
	EU No 814/2013	Water heaters and hot water storages heaters 热水器和储水式热水器	
	EU 2016/2282	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
	2010/30/EU		
	EU No 812/2013	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 2017/254		
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	Eco-design requirements for energy-related products (ErP) 能源相关产品的生态化设计要求	
	EU No 66/2014	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 <ul style="list-style-type: none"> <li>'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;</li> <li>'portable oven' means an oven with a product mass of less than 18 kilograms, provided it is not designed for built-in installations;</li> </ul> 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
	EU 2016/2282		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
	2010/30/EU	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	
	2009/125/EC	Eco-design requirements for energy-related products (ErP) 能源相关产品的生态化设计要求	



	EU 2016/2282	的生态化设计要求,修订电视机的生态化设计要求指令 642/2009	2016-12-20
	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 / 烤盘**

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 烤盘	2009/125/EC	Eco-design requirements for energy-related products (ErP) 能源相关产品的生态化设计要求	
	EU No 66/2014	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
	EU 2016/2282		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
	2010/30/EU		
	(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
	1275/2008/EC	Standby, off mode electric power consumption of electrical and electronic household and office equipment, and amending Regulation EC No 642/2009 with regard to eco-design requirements for televisions 家用电子或办公设备在待机或关机模式 下的生态化设计要求,修订电视机的生态化 设计要求指令 642/2009	2016-12-20

	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
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**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	Eco-design requirements for energy-related products (ErP) 能源相关产品的生态化设计要求	
	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
	2010/30/EU		
	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	Eco-design requirements for energy-related products (ErP) 能源相关产品的生态化设计要求	
	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
	2010/30/EU		
	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	Eco-design requirements for energy- related products (ErP) 能源相关产品的生态化设计要求	
	EU 2015/1185	Solid fuel local space heaters 固体燃料空间加热器	2022-01-01
	EU 2016/2282		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
	2010/30/EU		
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	Eco-design requirements for energy-related products (ErP) 能源相关产品的生态化设计要求	
	EU 2015/1095	Professional refrigerated storage cabinets, blast cabinets, condensing units and process chillers 专业冷藏柜	2016-12-20
	EU 2016/2282		
	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
	2010/30/EU		
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	Eco-design requirements for energy- related products (ErP) 能源相关产品的生态化设计要求	
	EU NO 2023-1103	Local space heaters 取暖器	It shall apply from 1 July 2025. However, Article 6 shall apply from 9 May 2024
	EU 2015/1188 EU 2016/2282		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
	2010/30/EU	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	Eco-design requirements for energy-related products (ErP) 能源相关产品的生态化设计要求	
	EU NO 1253/2014	Eco-design requirements for ventilation unit 通风装置	Stage 1: 2016-01-01
	EU 2016/2282	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	2016-12-20
	EU 2017/1369	Labeling and standard product information of the consumption of energy and other resources by energy-related products	*refer to annex 1
	2010/30/EU	能耗产品标帖及标准产品信息指令	
	EU NO 1254/2014	Energy labelling of residential ventilation units 民用通风装置	2016-01-01
	EU 2017/254	'residential ventilation unit' (RVU) means a ventilation unit where: (a) the maximum flow rate does not exceed 250 m <sup>3</sup> /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 m <sup>3</sup> /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	2016-12-20



**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	Eco-design requirements for energy- related products (ErP) 能源相关产品的生态化设计要求	
	(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
	1275/2008/EC EU No 801/2013	Standby, off mode electric power consumption of electrical and electronic household and office equipment, and amending Regulation EC No 642/2009 with regard to eco-design requirements for televisions 家用电子或办公设备在待机或关机模式 下的生态化设计要求,修订电视机的生态化 设计要求指令 642/2009	2016-12-20
	EU) 2016/2282		
	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
	2010/30/EU		

**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	Eco-design requirements for energy-related products (ErP) 能源相关产品的生态化设计要求	
	(EU) 2019/2021 Corrigendum:2020-02-24	electronic displays 电子显示器	1 March 2021
	EC No 642/2009 EU No 801/2013 EU 2016/2282	Eco-design requirements for televisions 电视的生态化设计要求	2016-12-20
	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
	2010/30/EU		
	(EU) 2019/2013	electronic displays	1 March 2021
	EU No 1062/2010 EU 2017/254 EU NO 518/2014	Televisions 电视机	2016-12-20 2015-01-01
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
	1275/2008/EC	Standby, off mode electric power consumption of electrical and electronic household and office equipment, and amending Regulation EC No 642/2009 with regard to eco-design requirements for televisions	
	EU) 2016/2282	家用电子或办公设备在待机或关机模式下的生态化设计要求,修订电视机的生态化设计要求指令 642/2009	2016-12-20
	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	Eco-design requirements for energy-related products (ErP) 能源相关产品的生态化设计要求	
	(EU) 2019/1782	Eco-design requirements for no-load condition electric power consumption and average active efficiency of external power supplies	1 April 2020
	EC No 278/2009 EU 2016/2282	外部电源的生态化设计要求	2016-12-20
	EU 2017/1369	Labeling and standard product information of the consumption of energy and other resources by energy-related products	*refer to annex 1
	2010/30/EU	能耗产品标帖及标准产品信息指令	
	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	Eco-design requirements for energy-related products (ErP) 能源相关产品的生态化设计要求	
	(EU) 2019/424	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
	2022/C 469/03		
	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	*refer to annex 1
	2010/30/EU	能耗产品标帖及标准产品信息指令	

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	Eco-design requirements for energy-related products (ErP) 能源相关产品的生态化设计要求	
	(EU) 2023/1670	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	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
	2010/30/EU		
	(EU) 2023/1669	smartphones and slate tablets 智能手机和平板电脑	It shall apply from 20 June 2025.

ErP Directives other product /节能指令- 其它产品

Related directive number 相关指令号	Directive name 指令	Date of withdrawal (DOW) 旧指令失效日期
2009/125/EC EC No 107/2009 EU 2016/2282	Eco-design requirements for simple set-top boxes 简单机顶盒的生态化设计要求	2016-12-20
	Eco-design requirements for complex set top boxes and simple set-top boxes 复杂和简单机顶盒的生态化设计要求	
(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
2009/125/EC EC No 640/2009 EU 2016/2282	Eco-design requirements for electric motor 马达的生态化设计要求	2016-12-20
EU NO 4/2014		
EN 60034-2-1:2007	Rotating electrical machines -- Part 2-1: Standard methods for determining losses and efficiency from tests (excluding machines for traction vehicles)	
EN 60034-30:2009	Rotating electrical machines -- Part 30: Efficiency classes of single-speed, three-phase, cage-induction motors	
2009/125/EC EC No 641/2009 EU 2016/2282	Eco-design requirements for circulators 循环器生态化设计要求	2016-12-20
EU NO 548/2014	Distribution and power transformers 配电变压器 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 的工业配电网小型, 中型和大型电力变压器	2016-12-20
EU 2016/2282		
2009/125/EC (EU) 2023/826 EU No 801/2013	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
EU 2016/2282		

2009/125/EC 1275/2008/EC EU No 801/2013  EU 2016/2282	Standby, off mode electric power consumption of electrical and electronic household and office equipment, and amending Regulation EC No 642/2009 with regard to eco-design requirements for televisions 家用电子或办公设备在待机或关机模式下的生态化设计要求,修订电视机的生态化设计要求指令 642/2009	    2016-12-20
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.1	DIN VDE 0620-2-1:2016 DIN VDE 0620-2-1:2021 EN 61242:2016	Multiple sockets with fixture for coiling the connecting cord	2024-01-05	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	
ALL	EK1 601-15e Rev 3	2019 AfPS GS:01 PAK	all	2020-05-20		
HOUS	EK1 646-16	EN 60335-2-14	Blender	2017-01-25	B	2017-04-25
HOUS	EK1 665-1	EN 60335-2-14	搅拌机	2017-12-19		

HOUS/LITE	EK1 AG2 rev 10	HOUS and LITE	Guidance for Implementation of CENELEC Guide 29	2018-17-05	C	
LITE	EK 1 671-18	EN 60598-2-20:2015	Lighting chain	19.07.2018	C	
LITE	EK 1 673-18	EN 62560 and EN 60598 series	Lamp with child appealing envelope	09.08.2018	C	
HOUS	EK1 679-18	EN 60335-2-60	portable spas and swimming pools	07.11.2018	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	EN 60335-2-80	Ceiling fans – assembly	2021-02-11	C	

	Decision 128-01)					
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 – IPX6	2021-02-11	C	
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		

<https://www.vde.com/tic-en/marks-and-zertificates/ek1-resolutions>

**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

和家电有关的新法规

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,

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Cliff Lin, 2024-03-31  
Director  
Certification & Follow-Up Services,  
Mainland China

**Product Testing**  
**DEKRA East & South Asia**

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## 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

### EU 2023/1542 Battery Regulation

#### Article 8

for industrial batteries with a capacity greater than 2 kWh, except those with exclusively external storage, electric vehicle batteries and SLI batteries that contain cobalt, lead, lithium or nickel in active materials

period	batteries contain, in the active materials 电池活性材料中可再生原材料的含量			
	Cobalt % 钴	Lead % 铅	Lithium % 锂	Nickel % 镍
From 2031-08-18 2031年8月18日起	16	85	6	6
From 2036-08-18 2036年8月18日起	26	85	12	15

#### Performance and durability requirements

##### 性能和耐久要求

#### Article 9 and article 10

Battery type 电池类型	Period 时间线	electrochemical performance and durability 电化学性能和耐久
portable batteries of general use, non-rechargeable batteries 不可充电一般用途的便携式电池,	From 2028-8-18 2028年8月18日起	Minimum average duration 最少平均放电时间 Delayed discharge performance 延迟放电性能 Resistance to leakage 抗泄漏性
portable batteries of general use, non-rechargeable batteries 可充电一般用途的便携式电池,	From 2028-8-18 2028年8月18日起	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
rechargeable industrial batteries, LMT batteries and electric vehicle batteries 内部存储及容量大于2kWh的可充电工业电	From 2024-08-18 2024年8月18日起	1. Rated capacity (in Ah) and capacity fade (in %). 额定容量和容量衰减 2. Power (in W) and power fade (in %). 功率和功率衰减 3. Internal resistance (in $\Omega$ ) and

池, 轻型交通工具电池和电动汽车电池		<p>internal resistance increase (in %). 内部电阻和内部电阻增加</p> <p>4. energy round trip efficiency and its fade (in %). 能量循环效率和衰减</p> <p>5. The expected life-time 预期寿命</p>
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#### Article 12 Safety of stationary battery energy storage systems 固定式电池储能系统

2. By 18 August 2024, the technical documentation referred to in Annex VIII shall:

(a) demonstrate that the stationary battery energy storage systems are compliant with paragraph 1 and include evidence that they have been successfully tested for the safety parameters set out in Annex V, for which state-of-the-art testing methodologies shall be used. The safety parameters shall only apply in so far as a corresponding hazard exists for the stationary battery energy storage system in question when it is used under the conditions envisaged by the manufacturer;

(b) include an assessment of possible safety hazards of the stationary battery energy storage system that are not addressed in Annex V;

(c) include evidence that the hazards referred to in point (b) have been successfully mitigated and tested; state-of-the-art testing methodologies shall be used for such testing;

(d) include mitigation instructions in case the identified hazards could occur, for example a fire or explosion.

The technical documentation shall be reviewed if a battery is prepared for re-use, prepared for repurposing, remanufactured or repurposed.

#### Article 13 Labelling and marking of batteries

Battery type 电池类型	Period 时间线	Labelling and marking 电池标贴
All batteries 所有电池	From 18 August 2026 2026年8月18日起	<p>containing the general information on batteries set out in Part A of Annex VI.</p> <ol style="list-style-type: none"> <li>1. the manufacturer</li> <li>2. battery category and information identifying the battery</li> <li>3. the place of manufacture</li> <li>4. the date of manufacture</li> <li>5. weight</li> <li>6. capacity</li> <li>7. chemistry</li> <li>8. hazardous substances present in the battery, other than mercury, cadmium or lead</li> <li>9. usable extinguishing</li> </ol>

		agent 10. critical raw materials present in the battery in a concentration of more than 0,1 % weight by weight
rechargeable portable batteries, LMT batteries and SLI batteries	From 18 August 2026 2026年8月18日起	containing information on their capacity 容量信息
non-rechargeable portable batteries	From 18 August 2026 2026年8月18日起	minimum average duration and a label indicating 'non-rechargeable' 平均耐久和不可充电
all batteries	From 18 August 2025 2025年8月18日起	separate collection of batteries 分类收集符号
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.
all batteries 所有电池	From 18 February 2027 2027年2月18日起	QR code 二维码

*Article 14*

Information on the state of health and expected lifetime of batteries

有关电池健康状况和预期寿命的信息

Battery type 电池类型	Period 时间线	health and expected lifetime 预期寿命
<p>For electric vehicle batteries:</p> <p>For stationary battery energy storage systems and LMT batteries: 固定式电池储能系统、LMT 电池和电动汽车电池</p>	<p>From 18 August 2024 2024 年 8 月 18 日起</p>	<p>state of certified energy (SOCE). 能源认证状态 (SOCE)</p> <ol style="list-style-type: none"> <li>1. the remaining capacity;</li> <li>2. where possible, the remaining power capability;</li> <li>3. where possible, the remaining round trip efficiency;</li> <li>4. the evolution of self-discharging rates;</li> <li>5. where possible, the ohmic resistance.</li> </ol> <p>剩余容量</p> <ul style="list-style-type: none"> <li>● 剩余电量 (如有)</li> <li>● 剩余往返效率 (如果有)</li> <li>● 自放电率的演变</li> <li>● 欧姆电阻 (如果有)</li> </ul>
<p>stationary battery energy storage systems and LMT batteries 固定式电池储能系统、LMT 电池和电动汽车电池</p>	<p>From 18 August 2024 2024 年 8 月 18 日起</p>	<ol style="list-style-type: none"> <li>1. the date of manufacture of the battery and, where appropriate, the date of putting into service;</li> <li>2. the energy throughput;</li> <li>3. the capacity throughput;</li> <li>4. the tracking of harmful events, such as the number of deep discharge events, time spent in extreme temperatures, time spent charging in extreme temperatures;</li> <li>5. the number of full equivalent charge-discharge cycles</li> </ol> <ul style="list-style-type: none"> <li>● 生产日期、投入使用日期 (如有)</li> <li>● 能量</li> <li>● 容量</li> <li>● 跟踪有害事件, 例如深度放电事件的数量、在极端温度下花费的时间、在极端温度下充电的时间</li> <li>● 完整充放电循环次数</li> </ul>

From 18 August 2025, economic operators that place batteries on the market or put them into service shall fulfil the due diligence obligations laid down in paragraphs 2 and 3 of this Article, and in Articles 49, 50 and 52 and shall, to that end, set up and implement battery due diligence policies.

*Article 71*

**Targets for recycling efficiency and recovery of materials**

Battery type 电池类型	Period 时间线	Targets for recycling efficiency 重量回收率目标
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
(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
		Targets for recovery of materials 材料回收率
	31 December 2027	(a) 90 % for cobalt; (b) 90 % for copper; (c) 90 % for lead; (d) 50 % for lithium; (e) 90 % for nickel.
	31 December 2031	(a) 95 % for cobalt; (b) 95 % for copper; (c) 95 % for lead; (d) 80 % for lithium; (e) 95 % for nickel.