

EU's new outdoor power supply

How many external power supplies are there in the EU?

In 2020, 1.7 billion external power supplies (EPS) were in use in the EU27, of which 75% for residential use, on average 6.5 units per EU household. They converted 48 TWh/a of electricity from the 220V mains to the input needed by the powered products.

Are 'external power supplies' covered by EcoDesign regulations?

Known as 'External Power Supplies', these products are covered by ecodesign regulations that are about to be updated. The European Commission has just published a draft revision of this legislation. What does the draft get right, and what must still be improved?

Can external power supplies be tested under Regulation (EU) 2019/1782?

Products containing external power supplies (e.g. USB sockets) which would need to be extracted from the main product and rewired for testing, cannot be tested under Regulation (EU) 2019/1782, as there are no standards or methodologies describing such operation. In such situation the Regulation cannot be enforced.

What are the new ecodesign requirements for external power supplies?

The draft Commission Regulation proposes new ecodesign requirements for External Power Supplies (EPS), Battery Chargers for portable batteries, Wireless Chargers, Wireless Charging Pads, and USB Type-C cables. 1. Extending the scope - Wireless Chargers and Battery Chargers for portable batteries, as per Regulation (EU) 2023/1542. 2.

Is there an energy label for external power supplies?

No, there is no Energy Labelling regulation for External Power Supplies. Does the Ecodesign regulation for External Power Supplies require the 'Common Charger' for certain products?

How much money will EU27 users save on external power supplies?

In 2020, due to Ecodesign measures, EU27 users saved EUR 0.9 billion on external power supplies. This is projected to increase to EUR 1.3 billion in 2030, a 16% saving. In 2030, the annual household expenses for EPS are projected to decrease from EUR 33 (without measures) to EUR 28.

The EU framework for ecodesign requirements of many energy-related products (ERP) is Directive 2009/125/EC. Within this framework the EU has published three regulations ...

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Apart from more stringent energy efficiency requirements for all EPS, the Commission approach is for the new rules to complement the Radio Equipment Directive, for ...

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Ecodesign is expected to substantially improve the energy efficiency of external power supplies. The new regulation of 2019 is expected to achieve additional energy savings of around 5 ...

General Box Includes DC Power Supply with USB-C Connector Outdoor AC Power Cable Indoor AC Plug Plate Wall Mounting Screws and Wall Plugs Cable Clips User Guide Warranty One ...

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In an effort to further streamline energy efficiency and sustainability, the European Union is in the process of introducing new requirements for External Power Supplies (EPS) ...

Products containing external power supplies (e.g. USB sockets), for which the functions of the main product apart from the EPS can be fully disabled by user operation (e.g. a table luminaire ...

The new EU rules will make these external power supplies more energy efficient, aligning them to the highest standards worldwide. It is expected that electricity savings of over ...

On 25 January 2022, the EU Commission announced plans to review Regulation (EU) 2019/1782 and update it to reflect future requirements. The current regulation governs the maximum ...

A low number of external power supplies may fail due to water ingress and cause a short circuit. The exchange programme includes the enclosed power supplies of the Philips ...

The new European Union's Regulation on External power supplies enters into force as of today to help reach significant energy savings and reduce emissions

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