

## SolarTech Power Solutions

# New EU outdoor power supply



## Overview

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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) under the Ecodesign Directive. 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.

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.

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?

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Why should external power supplies be redesigned?

The revision of ecodesign rules for External Power Supplies is a necessary step towards a more resource and energy-efficient use of these products. The draft legislation shows ambition to reduce the environmental impact of EPS, and will help to facilitate innovation in an industry that is constantly growing in importance.

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

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

What are external power supplies (EPs)?

Sometimes known as ‘power adaptors’ or ‘power packs’, External Power Supplies (EPS) power or recharge electronic and electric devices. Often sold with the devices they power, we all have many such products in our homes and workplaces. In 2020, EPS consumed 11.6 TWh of electricity—enough to cover the energy needs of 3 million EU households.

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### **2000W outdoor power supply 220V emergency energy storage camping power**

The UAPOW APower 1000 portable power station breaks free from traditional power sources by offering four rapid recharging inputs. You have the flexibility to recharge this versatile power ...

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## **New EU Draft Regulations Set to Transform External Power Supplies ...**

Nov 28, 2024 · Expanded Scope: The new regulations will apply not only to external power supplies but also to battery chargers, wireless charging pads, and USB-C cables sold in the ...



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## **Everything You Need to Know About Installing ...**

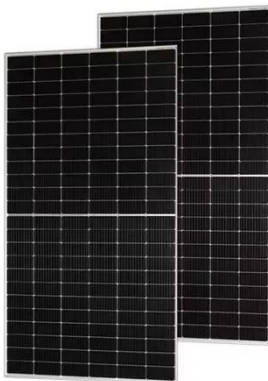
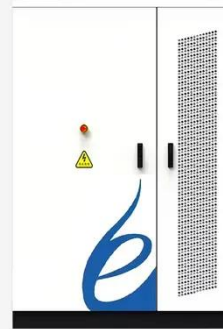
Apr 28, 2025 · To safely use electrical equipment outside, it's advisable to have a dedicated external power point rather than a trailing extension lead from inside



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## Hue Festavia string lights get new more compact ...

Aug 14, 2023 · Philips Hue Festavia gets a more compact power supply unit What is even more exciting, however, is that Philips Hue is launching a new power ...



## New EU rules on power adaptors come into force

Apr 1, 2020 · (BRUSSELS) - A new EU regulation on external power supplies aimed at making a range of household appliances, from laptops to electric toothbrushes, more energy efficient ...

## Powering up sustainably: EU proposes new rules on External Power Supplies

Nov 20, 2024 · The revision of ecodesign

rules for External Power Supplies is a necessary step towards a more resource and energy-efficient use of these products. The draft legislation ...



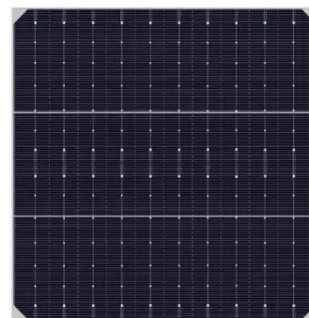
## EU Draft Rules to Redefine Power Supplies and USB-C

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Nov 26, 2024 · Expanded Scope: The new regulations will apply not only to external power supplies but also to battery chargers, wireless charging pads, and USB-C cables sold in the ...

## Pop Up Power Supplies , Retractable & in ...

Jul 23, 2025 · Pop Up Power Supplies Ltd ® range of retractable service units provide electricity for public spaces such as urban areas, historic sites, market ...



## Outdoor energy storage power supply export ...

Introducing our 150W outdoor energy



storage power supply, a reliable and portable mobile power source for your camping and outdoor adventures! Equipped with high capacity batteries, this ...

## Hue Outdoor Power Supply 100 W , Philips Hue UK

6 days ago · Fill your entire outdoor space with smart light using this outdoor Hue power supply, which allows you to add up to 100 W of different lights. Shop now!



## 12V Waterproof LED Power Supply 30W-300W, 90-265V ...

Title DC 12V 30W Waterproof Switching Power Supply, AC 90-265V Input, LED Driver Transformer, Aluminum Alloy Metal Housing with IP67 Outdoor Protection, Stable 12V DC ...

## The new 100 Watt outdoor power supply: How ...



Jul 2, 2020 · Here we are moving in an area that the power supply can still easily cope with. Unfortunately, I can't tell you what effects a higher consumption ...



## Updated draft of ecodesign requirements for external power supplies

Apr 30, 2024 · On March 2, 2025, the European Commission published a revised draft of the regulation on the ecodesign requirements for external power supplies. The scope of ...

## Outdoor Power Supply Market Report , Global Forecast From ...

The global outdoor power supply market size was valued at approximately USD 1.8 billion in 2023 and is projected to grow to around USD 4.5 billion by 2032, exhibiting a compound annual ...



## Signify starts replacement program for outdoor power



## supply ...

Oct 20, 2020 · 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 ...



## Global Outdoor Power Supply Market Growth 2024-2030

Jan 11, 2024 · The global Outdoor Power Supply market size was valued at US\$ 1157.5 million in 2023. With growing demand in downstream market, the Outdoor Power Supply is forecast to a ...



## New regulation on ecodesign of external power supply units

Mar 2, 2022 · Topics such as promoting power supply interoperability, facilitating the USB power supply protocol, and improving consumer information requirements will now be further ...

## Exploring Innovation in Outdoor Portable

## Emergency Power Supply

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Jul 24, 2025 · The global market for outdoor portable emergency power supplies is experiencing robust growth, driven by increasing demand for reliable backup power in diverse settings. The ...



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