



BUHLE POWER

New Regulations for Outdoor Power Supplies





Overview

What are the new EU power supply regulations?

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 EU. **Increased Power Capabilities:** The limitation on product power of 250W will be lifted, allowing for more powerful devices to be designed, aligning with sustainability goals.

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?

What are the new energy conservation standards for external power supplies?

The U.S. Department of Energy (DOE) has recently proposed new energy conservation standards for External Power Supplies (EPSs). These proposed standards, known as Trial Standard Level 4 (TSL4), aim to tighten energy efficiency requirements across all types of EPSs. TSLs are a tool used by the DOE to set energy conservation benchmarks.

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.



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[Updated draft of ecodesign requirements for external power supplies](#)

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[Ecodesign: EU Proposes New Regulation for Power Supplies ...](#)

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External Power Supplies

Product Energy Efficiency - External Power Supplies. The rules apply to both the active efficiency and the no-load power consumption. Active efficiency is the average efficiency when a power ...



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Dec 5, 2025 · ? What's New: The EU's 2025 "EPS Regulation" -- What Professionals Should Know A major shift in the way chargers, adapters, and power accessories are designed, ...



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