
Implementation standards for outdoor power supplies

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.

What are the labeling requirements for external power supplies?

Labeling requirements will be mandated to meet the same International Efficiency Marking Protocol for External Power Supplies Version 3.0 as the previous Level V standard. Globally, it is expected that other nations will soon follow suit with the DoE Level VI standard.

What is the regulatory environment surrounding external power supply efficiency and no-load power draw?

The global regulatory environment surrounding the legislation of external power supply efficiency and no-load power draw has rapidly evolved over the past decade since the California Energy Commission (CEC) implemented the first mandatory standard in 2004.

What is the external power supply conservation standard rulemaking docket eere-2008-bt-std-0005?

The external power supply conservation standard rulemaking docket EERE-2008-BT-STD-0005 contains all notices, public comments, public meeting transcripts, and supporting documents pertaining to this rulemaking. There is no public meeting scheduled at this time. The comment period is closed.

On June 23, 2025, the State Administration for Market Regulation issued an announcement on the implementation rules for quality supervision and random inspection of ...

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

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The Standard Development and Maintenance Process OPEI is an accredited Standards Development Organization by the American National Standards Institute, and a ...

398 397 o External Power Supplies must meet a No-Load power requirement, which specifies the 399 maximum ac power that may be used by a qualifying external power ...

The next round of legislation is expected to come from Europe, as the current voluntary Code of Conduct (CoC) Tier 1 and Tier 2 standards are under review by the ...

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