

European Solar Energy Storage

Energy storage products product european label



Overview

Do energy-related products need to be registered in eprel?

Before energy-related products covered by energy labelling are placed on the EU market, the models must be registered by their supplier in the product database EPREL. As a supplier what should you do to comply with the Ecodesign and the Energy Label legislative framework?

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What is ecodesign & energy label?

Ecodesign legislation drives industry towards energy efficiency and sustainability, fostering energy-saving innovations. The Energy Label provides more detailed information on various products. Energy Efficiency - A key aim of ecodesign is to reduce to a minimum the overall environmental impact of a product or service.

What are energy labels?

Energy labels are clear, easy-to-understand colour rankings based on the energy efficiency of products.

Do you know the EU energy label rules?

As a manufacturer, importer, or reseller, you should know that EU energy label rules apply to household appliances (e.g. dishwashers, televisions, light bulbs, etc.) and business-to-business products (e.g. water heaters, air conditioners, boilers etc.).

Do you need an energy label?

From January 2019, suppliers (manufacturers, importers or authorised representatives) need to register their appliances, which require an energy label in the European Product Database for Energy Labelling (EPREL), before selling them on the European market.

Do energy labels apply to second-hand products?

The rules do not apply to second-hand products nor to transportation means for goods and people. Energy labels rank appliances from class A (dark green), representing the most energy-efficient products, to class G (red), which are the least efficient.

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DOE Announces Site Selection for AI Data Center and Energy

The forthcoming solicitations will drive innovation in reliable energy technologies, contribute to lower energy costs, and strengthen American leadership in artificial intelligence.

[EPREL Public website](#)

Solar devices for space heaters Water heaters Packages of water heaters Hot water storage tanks for water heaters Solar devices for water heaters Solid fuel boilers Packages of solid fuel boilers



Energy Storage Legislation Updates in the European Union and ...

Discover the evolving policies and regulations of the European Union and United Kingdom, with both issuing landmark legislation in the energy storage.

Product List

All the products covered by the Directive 2009/125/EC and Regulation (EU) 2017/1369.
Information on energy savings, Energy Labelling

and Ecodesign requirements can be found on each product page.



Battery Energy Storage Systems Report

Supply Chain Threat of PRC Influence for Digital Energy Infrastructure: Evaluating the Technical Risk Landscape .. 55
Grid and Utility-Scale Operational Consequence of BESS Functions 57

PF 2025-37 STRIPES Use Policy , Department of Energy

This Policy Flash updates the STRIPES Use Policy Acquisition Letter (AL) AL2025-04, to provide updated language addressing the cancellation or termination of solicitations/awards.



Energy Department Announces \$60 Million to Secure Domestic ...

...

"Developing faster, more accurate resource evaluation tools, and creating a new more powerful class of magnetic materials will enable America to unlock domestic reserves, strengthen supply chains, and enhance U.S. energy and economic security."



Clean Cities and Communities: Virginia Clean Cities

The Virginia Clean Cities works with vehicle fleets, fuel providers, community leaders, and other stakeholders to identify community-driven choices that save energy and promote the use of alternative fuels and advanced vehicle technologies in transportation.



Energy Storage Legislation Updates in the European ...

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Energy Efficient Products

Product Energy Efficiency - Products with an energy label are registered and can be consulted for information and comparison in the European Product Registry for Energy Labelling (EPREL).



DOE Releases New Report Evaluating Increase in

WASHINGTON, D.C. -- The U.S. Department of Energy (DOE) today announced the publication of the 2024 Report on U.S. Data Center Energy Use produced by Lawrence Berkeley National Laboratory (LBNL) which outlines the energy use

of data centers from 2014 to 2028.



Energy Department Announces Actions to Secure American ...

The U.S. Department of Energy today announced its intent to issue notices of funding opportunities totaling nearly \$1 billion to advance and scale mining, processing, and manufacturing technologies across key stages of the critical minerals and materials supply chains.



Evaluating the Reliability and Security of the

ttent energy supply and increasingly unreliable grid require swift action. The United States' ability to remain at the forefront of technological innovation depends on a rel

EU Energy Storage Certifications: Essential Standards for C& I ...

Learn about the key EU energy storage certifications required for commercial and industrial systems, including CE Marking, IEC, EN standards, and national grid compliance. Ensure your product meets safety, environmental, and ...





Energy Labelling Directive

Energy labels are used to help consumers choose products that save energy. The Energy Labelling Directive 2010/30/EU extended the energy labelling to energy-related products in the commercial and industrial sectors, for ...

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