

# Battery Safety Production Rules and Regulations

What are the new regulations on batteries?

The new Regulation on batteries establish sustainability and safety requirements that batteries should comply with before being placed on the market. These rules are applicable to all batteries entering the EU market, independently of their origin.

What is a battery regulation?

**Scope** The regulation applies to all batteries, including all: batteries for light means of transport (LMT) such as electric bikes, e-mopeds and e-scooters. **Targets** It sets out rules covering the entire life cycle of batteries.

What are battery safety requirements?

These include performance and durability requirements for industrial batteries, electric vehicle (EV) batteries, and light means of transport (LMT) batteries; safety standards for stationary battery energy storage systems (SBESS); and information requirements on SOH and expected lifetime.

What are the requirements of a battery manufacturer?

The manufacturer must draw up certain technical documentation. The manufacturer shall operate an approved quality system for the production, inspection and testing of the finished product and shall be subject to surveillance. This applies only to some types of batteries.

What is a waste battery regulation?

**Shipment of Waste Batteries:** The regulation addresses the shipment of waste batteries outside the EU. **Reporting Obligations:** Reporting obligations are introduced, and there are specific deadlines for implementing various aspects of the regulation, with certain requirements coming into effect in different phases from 2024 to 2028.

What are the new labelling requirements for batteries?

Labelling requirements will apply from 2026 and the QR code from 2027. The regulation amends Directive 2008/98/EC on waste management (see summary) and Regulation (EU) 2019/1020 on market surveillance and compliance of products (see summary). It repeals Directive 2006/66/EC on the disposal of spent batteries (see summary) from 30 June 2027.

The first set of regulation requirements under the EU Battery Regulation 2023/1542 will come into effect on 18 August 2024. These include performance and durability requirements for industrial batteries, electric ...

The Batteries Regulation is the first European legislation that considers the full life cycle of batteries, including sourcing, manufacturing, use, and recycling, all in a single law. This aligns with the European Green Deal's circularity goals and promotes the sustainability of batteries throughout their life cycle. EPBA is

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The proposed new Regulation suggests mandatory requirements on: sustainability and safety (such as carbon footprint rules, minimum recycled content, performance and durability criteria, ...

New EU Rules Revamp Battery Safety, Recycling, and More (EU Regulation 2023/1542) Jul 8, 2024 in Resource. The rise of lithium-ion batteries has changed how we power our world. From electric vehicles (EVs) and e-bikes to household devices and even powering the electrical grid, they are prevalent in more applications than ever.

It sets out rules covering the entire life cycle of batteries. These include: waste collection targets for producers of portable batteries - 63% by the end of 2027 and 73% by the end of 2030; waste collection objectives for LMT batteries - 51% by the end of 2028 and 61% by the end of 2031;

The new EU Battery Regulation, Regulation 2023/1542, introduces significant changes and requirements aimed at enhancing the sustainability and safety of batteries and battery-operated products. Here are some key points regarding the changes and new provisions:

On 28 July 2023, the European Commission published the European Battery Regulation (2023/1542), which entered into force on 18 February 2024. This represents a strategic alignment with environmental goals and key initiatives, such as the European Green Deal and the Circular Economy Action Plan.

The new EU Battery Regulation 2023/1542 entered into force on 17 August 2023 and covers the whole lifecycle of batteries from production to reuse and recycling. While the Battery ...

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