

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.

Which regulations apply to portable batteries incorporated in smartphones and slate tablets?

In cases where both Regulation (EU) 2023/1542 and Regulation (EU) 2023/1670 are applicable to portable batteries incorporated in smartphones and slate tablets, the requirements outlined in both pieces of legislation on serialisation apply.

Are portable batteries removable or replaceable?

Consequently, in the case of portable batteries included in products covered by Regulation (EU) 2023/1670, the removability and replaceability obligations set out in Annex II of that Regulation prevail over those set out in Regulation (EU) 2023/1542. 3. REMOVABILITY AND REPLACEABILITY BY INDEPENDENT PROFESSIONALS

When does the batteries regulation come into effect?

The Batteries Regulation has started to become applicable on February 18, 2024, meaning that its provisions have legal effect since this day. 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.

What types of batteries are covered by the batteries regulation?

The Batteries Regulation applies to all batteries, including portable batteries, and more specifically, portable batteries of general use.

Why should batteries be regulated in the EU?

The aim of the proposed Regulation is that batteries placed on the EU market are sustainable, circular, high-performing and safe all along their entire life cycle, that they are collected, repurposed and recycled, becoming a true source of valuable raw materials.

For the purposes of paragraphs 1 and 5, a portable battery or LMT battery shall be considered readily replaceable where, after its removal from an appliance or light means of transport, it can be substituted by another compatible battery without affecting the functioning, the performance or the safety of that appliance or light means of transport.

Korean consortium aims to revamp EV battery production. 2024-09-30T15:16:00Z By Ilkhan Ozsevim. A groundbreaking project between Hyundai Motor, Kia, Hyundai Steel, and EcoPro BM seeks to advance EV ...

In order to have a significant impact on the EU battery market, these measures are legally binding and adopted at EU level. This modern regulatory framework is essential to provide legal ...

The new EU Battery Regulation, Regulation 2023/1542, introduces significant changes and requirements aimed at enhancing the sustainability and safety of batteries and battery ...

Table 1 Compatible Battery List of SOFAR Hybrid Inverter. Battery Brand Battery Model SOFAR Hybrid Inverter Model ME 3000SP HYD 3000~6000-ES HYD 3000~6000-EP ESI 3~6K-S1 ME 5~20KTL-3PH HYD 5~20KTL-3PH SOFAR GTX 3000H ...

Battery manufacturers face a new EU regulation covering the full lifecycle for batteries and waste batteries. Here's what manufacturers need to know to stay ahead of the changes while pursuing a circular economy.

The agreed rules will cover the entire battery life cycle, from design to end-of-life and apply to all types of batteries sold in the EU: portable batteries, SLI batteries (supplying power for starting, lighting or ignition of vehicles), light means of transport (LMT) batteries (providing power for the traction to wheeled vehicles such as ...

Battery due diligence policies. The Batteries Regulation introduces an obligation for large economic operators placing batteries on the market or putting them into service to have a ...

As the global focus on environmental responsibility intensifies, the smartphone industry is increasingly prioritizing sustainability in battery production. With smartphones becoming an integral part of daily life, ensuring that their production aligns with environmental goals is crucial. This comprehensive analysis explores how the industry is addressing ...

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The valuable raw materials can then be returned to the production process," explains Andreas Letsch. Bosch Rexroth will be presenting these and other solutions and concepts for modern, sustainable battery production at the ...

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