

Frankfurt, 19th January 2022

Overview: Battery

Sustainable Batteries Regulation

Introducing requirements on sustainability, safety and labelling. 4 different Battery classes are introduced portable battery, automotive battery industrial battery and electric vehicle battery. The regulation sets different requirements for the 4 battery classes. The classes of interest to members of EUnited Cleaning are "portable battery" (sealed weights below 5 kg) and "industrial battery" (designed for industrial use).

Requirements of these classes contain: Carbon footprint, minimum recycled content, mandatory minimum values on performance, removability, replaceability and durability. Additionally, a battery passport might be required, and the batteries must be labelled in a visible, legible and indelible manner for the identification of their main characteristics.

These labelling requirements are not harmonized with IEC 62902. Action required approximately starting 2025 until 2030.

Attached standardisation request was send out to CEN/CENLEC to draft performance, safety and sustainability requirements for batteries



Draft standardisation
request to the Europe

IEC 62902

Standard: IEC 62902 "Secondary cells and batteries - Marking symbols for identification of their chemistry", responsible group: IEC TC21 MT62902

The content of IEC 62902 isn't harmonized with the labelling requirements of the sustainable batteries' regulation

External Power Supply (RED & ERP)

Proposal for a revised Radio Equipment Directive: USB-C will be the common port for mobile phones, tablets, digital cameras, headphones, headsets, portable video game consoles and portable speakers, proposal for a revised Radio Equipment Directive

To ultimately have a common charger, full interoperability is required on both sides of the cable: the electronic device and the external power supply. The interoperability on the device end, which is by far the bigger challenge, will be achieved by today's proposal. The interoperability of the external power supply will be addressed by the review of the Commission's Ecodesign Regulation (Originally planned to be available end of 2021 – shifted to March 2022).

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Robotics
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Standby Regulation

Within the draft standby regulation, the definition of a standby mode can also describe the charging mode. Within Annex I "Scope" professional cleaning equipment is mentioned. Within the Annex document Annex " sets the eco-design requirements and Annex III sets and describes the measurement and calculation methods



2022-01-07_ Draft Standby Regulation.pdf 2022-01-07_ Annex Draft Standby Reg

Mit freundlichen Grüßen,

A handwritten signature in blue ink that reads 'Frederik King'.

Frederik King

Technical Director EUnited Cleaning