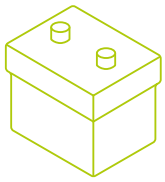
# The new European Battery Regulation

The European Commission has published the approved Battery Regulation that will come into effect on February 18, 2024, of which the EPR (extended producer responsibility) part or the future take-back rules will come into effect on August 18, 2025. This overview details about the **most important new obligations for you as a producer, importer or seller of batteries on the Belgian market (individual sales of batteries themselves, as well as in appliances, equipment and means of transport).**

## 5 new battery categories

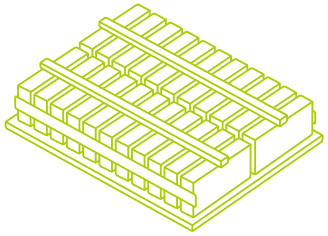
1

**SLI battery or automotive battery (lead starter battery)**



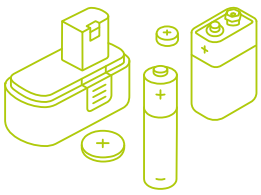
2

**Electric Vehicle (EV) battery**



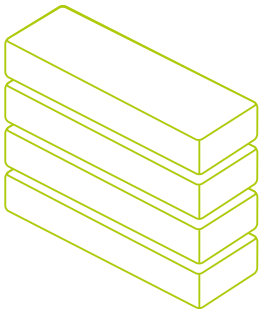
3

**Portable battery ≤ 5 kg**



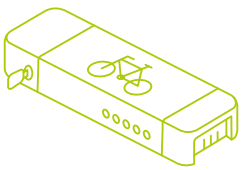
4

**Industrial battery**



5

**Light means of transport battery (usually 2/3 wheel and ≤ 25 kg)**



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# What are your new obligations?

## PRODUCT STANDARDS

| NEW OBLIGATION | APPLICABILITY TO NEW BATTERIES IN THESE CATEGORIES | DATE OF ENTRY INTO FORCE |
|---|---|---|
| **Carbon Dioxide footprint** | | |
| You provide a carbon footprint statement about the full life cycle of the battery. | • Electric vehicle batteries<br>• Rechargeable industrial batteries > 2 kWh<br>• Light means of transport batteries<br>• Batteries for Energy Storage Systems (ESS) > 2 kWh | 18/02/2025<br>18/02/2026<br>18/08/2028<br>18/08/2030 |
| Batteries are classified into carbon footprint performance classes. | • Electric vehicle batteries<br>• Rechargeable industrial batteries > 2 kWh<br>• Light means of transport batteries<br>• Batteries for Energy Storage Systems (ESS) > 2 kWh | 18/08/2026<br>18/08/2027<br>18/02/2030<br>18/02/2032 |
| There is a maximum carbon footprint threshold. | • Electric vehicle batteries<br>• Rechargeable industrial batteries > 2 kWh<br>• Light means of transport batteries<br>• Batteries for Energy Storage Systems (ESS) > 2 kWh | 18/02/2028<br>18/02/2029<br>18/08/2031<br>18/08/2033 |
| **Performance & durability requirements** | | |
| Portable batteries (except button cells) for general use must meet minimum values for the electro-chemical **performance and durability parameters** (see annex III - rechargeable and non-rechargeable portable batteries). | • Portable batteries (4.5 Volt (3R12), D, C, AA, AAA, AAAA, A23, 9 Volts (PP3)) | 18/08/2028 |
| Establishment of these minimum values by the Commission via a delegated act. | • Portable batteries (4.5 Volt (3R12), D, C, AA, AAA, AAAA, A23, 9 Volts (PP3)) | 18/08/2027 |
| Mandatory label stating "non-rechargeable". | • Non-rechargeable portable batteries | 18/08/2026 |
| Commission study on phasing out primary portable batteries in the market. | • General purpose non-rechargeable portable batteries | 31/12/2030 |
| You provide information about the battery **performance & durability parameters** (the values of these parameters are set by a **delegated act** in **Appendix IV Part A** (by the 18th of February 2027 for light vehicle batteries). With the exception of batteries for reuse. | • Batteries of electric vehicles<br>• Rechargeable industrial batteries > 2 kWh | 18/08/2027<br>18/08/2028 |
| Batteries for Energy Storage System (ESS) must meet the set **safety parameters** (see article 12). | • Batteries for Energy Storage Systems (ESS) | 18/08/2024 |
| Batteries must be accompanied by a **document** containing the electrochemical performance and robustness parameter values. | • Rechargeable industrial batteries > 2 kWh<br>• Electric vehicle batteries<br>• Light means of transport batteries | 18/08/2024<br>18/08/2024<br>18/08/2024 |
| Consumers must be able to **remove and replace** batteries from equipment (see article 11). | • Portable batteries & light means of transport batteries | 18/02/2027 |

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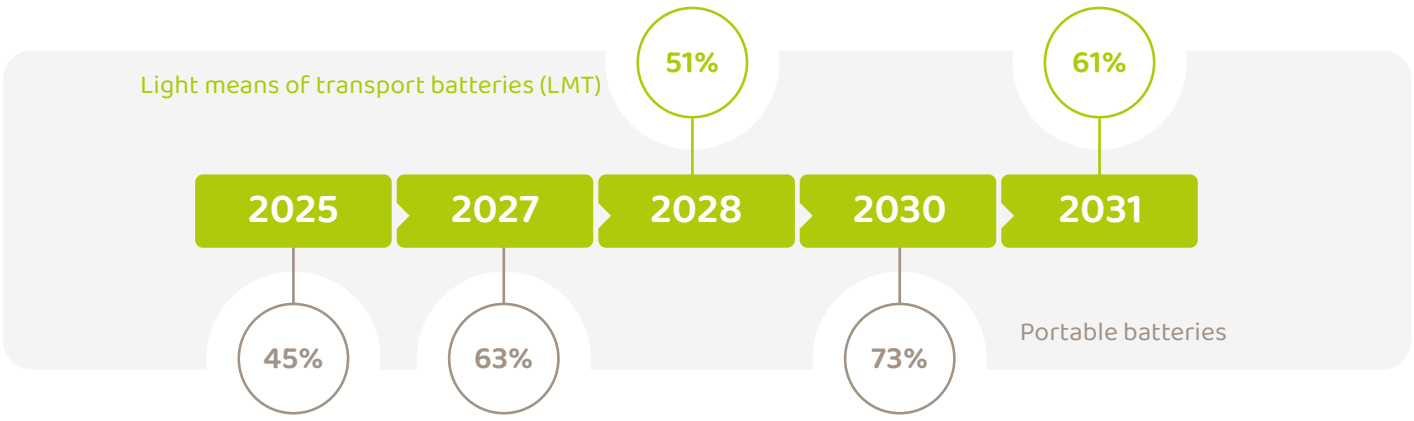
## PRODUCT STANDARDS

| NEW OBLIGATION | APPLICABILITY TO NEW BATTERIES IN THESE CATEGORIES | DATE OF ENTRY INTO FORCE |
|---|---|---|
| **Due diligence obligation** | | |
| There is a "duty of care" or "due diligence" for:<br>• suppliers of cobalt, natural graphite, lithium, nickel; as well as for<br>• respecting human rights, environmental considerations, health and safety (with supervision by a notified body). | • All types of batteries | 18/08/2025 |
| A **QR code**, identification and/or serial number, and a physical label is to be placed on every battery. The date of manufacture and entry on to the market are also to be stated (possibly on the packaging or in separate documentation). (Annex VI part C) | • All types of batteries | 18/08/2027 |
| A Battery Management System **(BMS)** is to be provided with accessible data about the parameters related to battery ageing and lifespan. | • Batteries for Energy Storage Systems (ESS)<br>• Electric vehicle batteries<br>• Light means of transport batteries | 18/08/2024<br>18/08/2024<br>18/08/2024 |
| Conformity declaration and a **CE marking** is to be placed on the battery (if not possible, on the packaging/documentation). (Ref. Art. 38 + Annex VIII) | • All types of batteries | 18/08/2024 |
| Batteries are to have a **battery passport** that is accessible via an access code and which details technical information, percentage of recycled materials and CO2 footprint. | • Rechargeable industrial batteries > 2kWh<br>• Electric vehicle batteries<br>• Light means of transport batteries | 18/08/2027<br>18/08/2027<br>18/08/2027 |
| Batteries must be clearly labelled and must comply with proper **labelling**:<br>• General info (annex VI A) | • All types of batteries | 18/08/2026 |
| • Capacity information (annex VI and VII) | • Rechargeable portable batteries<br>• Light means of transport batteries<br>• SLI batteries | 18/08/2026<br>18/08/2026<br>18/08/2026 |
| • Symbol separated collection (annex VI - part B) | • All types of batteries | 18/08/2025 |
| Member States will issue and notify sanctions to the European Commission. | • All types of batteries | 18/08/2025 |

## ENVIRONMENTAL OBLIGATIONS

| NEW OBLIGATION | APPLICABILITY TO NEW BATTERIES IN THESE CATEGORIES | DATE OF ENTRY FORCE |
|---|---|---|
| Batteries are to be accompanied by documentation that states how much recycled cobalt, lead or nickel they contain. | • Industrial batteries > 2 kWh<br>• Electric vehicle batteries<br>• Light means of transport batteries<br>• SLI batteries | 18/08/2028<br>18/08/2028<br>18/08/2033<br>18/08/2028 |
| Batteries are to be made with a minimum proportion of recycled materials:<br>Phase 1: cobalt (16%), lead (85%), lithium (6%) and nickel (6%) | • Electric vehicle batteries<br>• Industrial batteries > 2 kWh<br>• SLI batteries | 18/08/2031<br>18/08/2031<br>18/08/2031 |
| Phase 2: cobalt (26%), lead (85%), lithium (12%) and nickel (15%) | • Electric vehicle batteries<br>• Industrial batteries > 2 kWh<br>• Light means of transport batteries<br>• SLI batteries | 18/08/2036<br>18/08/2036<br>18/08/2036<br>18/08/2036 |
| You are to register as a producer so that compliance with the management of waste batteries can be monitored. | • All types of batteries | 18/02/2024 |
| Minimum recovery and recycling efficiency for end-of-life batteries is to be ensured. | • All types of batteries | 18/02/2024 |
| Phase 1: 90% cobalt, 90% copper, 90% lead, 50% lithium and 90% nickel | • All types of batteries | 31/12/2027 |
| Phase 2: 95% cobalt, 95% copper, 95% lead, 80% lithium and 95% nickel | • All types of batteries | 31/12/2031 |
| Minimum recycling efficiency expressed in average weight.<br>• 75% for lead batteries, 65% for lithium batteries, 80% for nickel cadmium batteries, 50% for other waste batteries | • All types of batteries | 31/12/2025 |
| • 80% for lead batteries, 70% for lithium batteries | • All types of batteries | 31/12/2030 |

## Collection targets for European Member States




Drawn up and revised after publication and entry into force of the Regulation (version 2.0) August 2023.

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