



Open battery passport

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What is open battery passport?

The Open Battery Passport is a flexible platform that will help OEMs and batteries producers to comply with regulations and track all necessary battery data across the battery life cycle in three different deployment types: as a SaaS platform, a white-label solution or on-premise solution.

Do I need a battery passport?

The first one is regulatory and compliance - if you produce LMT and industrial batteries with a capacity above 2kWh (except those with exclusively external storage) and EV batteries placed on the market or put into service, you will need to have a Battery Passport for your batteries if you would like to be present in the EU market.

What is a battery passport?

A Battery Passport is a digital record of the battery containing all information about the battery that is necessary to be compliant with the new EU Battery Regulation, the IRA and other battery supply chain related regulations.

How do I add data to a battery passport?

Start adding data to the Battery Passport. Ensure a QR code is applied to each of your batteries falling in the Battery Passport scope. Blockchain technology provides a secure, decentralized way for battery passports to be stored, updated, and shared along the supply chain. Layers of data visibility - choose what information you want to share.

The launch of the world's first battery passport proof-of-concept presents an important milestone demonstrating that our vision is feasible, but it is only the beginning of the battery passport journey.

What is the Open Battery Passport? The Open Battery Passport (OBP) is a flexible battery passport solution - available as SaaS, white-label, or on-premise - that helps companies track battery data, ...

The Battery Passport is a smart digital ID - embedded in every battery via a QR code. It records origin, chemistry, diagnostics, and lifecycle steps. Each checkpoint updates the passport, building a ...

The need for a battery passport surfaced with the EU Battery regulation proposal. This refers to LMT and



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industrial batteries with a capacity above 2kWh (except those with exclusively external storage) and ...

The Battery Pass Data Model is designed to facilitate the digital representation of battery-related data, ensuring compliance with industry standards and regulatory requirements.

It provides key details, including where and how the battery was made, its materials, carbon footprint, recycled content, safety, performance, compliance data, and end-of-life instructions for reuse, ...

The beta phase currently underway during Q2 is open to up to 100 companies. The full launch will then take place in Q3, followed by open sourcing of the software in early 2024. The Open ...

Starting from February 18, 2027, any light means of transport battery (LMT, such as e-bikes and e-scooters), industrial battery (eg, BESS), or EV battery sold or used in the EU must ...

This review covers the battery passport framework, the materials used in commercial batteries that must be documented and traced, and how these materials evolve throughout the ...

Digital battery passports will drive traceability, sustainability, and compliance in global supply chains starting 2025 under EU mandates.

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