

Kongres Container

Battery Energy Storage Cabin Intelligent Manufacturing Project



Overview

With the core objective of improving the long-term performance of cabin-type energy storages, this paper proposes a collaborative design and modularized assembly technology of cabin-type energy storages with capabilities of thermal runaway detection and elimination in early stage, classified alarm of system operation status based on big data analysis, and risk-informed safety evaluation of cabin-type energy storage. Who has delivered the battery energy storage project?

Audi, Etogas and MAN Energy Solutions have delivered the battery energy storage project. Additional information The Stuttgart-based plant manufacturer ETOGAS GmbH (formerly SolarFuel) has timely developed and built the world's largest power-to-gas plant. Customer and operator is the Audi AG.

What is ADEME's lithium-ion battery project?

The project is financed by the Plan France 2030, led by ADEME. The aim is to develop an intelligent lithium-ion battery that is more efficient, more compact and less costly, capable of meeting the growing needs of electromobility and stationary energy storage.

What is intelligent battery integrated system (IBIS)?

IBIS (Intelligent Battery Integrated System) is a collaborative research project carried out in France, bringing together industrial and academic players, Stellantis, Saft (Total Energies Group), E2CAD, SHERPA Engineering, as well as several CNRS laboratories (GeePs, SATIE, LEPMI) and the Lafayette Institute.

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