

Italian solar container lithium battery management system BMS manufacturer





Overview

What is a battery management system (BMS)?

This device manages a real-time control of each battery cell, communicates with external devices, manages SOC calculation, measures temperature and voltage, etc. (see key features on the right bar). The choice of BMS determines the quality and lifespan of the final battery pack.

What is BMS-Matrix®?

BMS-Matrix® can be embedded in medium power applications (e-mobility, off-grid and standalone applications, robotics & AGV, etc.). For stationary batteries or high power traction batteries, BMS-Matrix® is a must-have technology. Communication by CAN bus, CAN Open, WIFI, 4G. Battery Management System is essential in a Lithium-Ion battery system.

Why should you choose a BMS-Matrix® battery pack?

The choice of BMS determines the quality and lifespan of the final battery pack. Our BMS-Matrix® technology is a totally modular BMS solution, allowing you to build a very large capacity or power battery from unit “energy bricks”.

Why should you choose a BMS solution?

Advanced algorithms and electronics ensure high precision measurements: Customers have benefited from our BMS solutions all around the world – from ordinary applications to the most groundbreaking concepts. It often takes years for a customer to get from prototype to start of production of their Li-ion battery and end-application.



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