



# 5MW Intelligent Photovoltaic Energy Storage Container Product Specifications

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It adopts a plug-and-play modular design with electrical isolation, making maintenance easy. It can save 30% of the space in a 20-foot container, reducing the installation costs and the debugging time. It has an external ...

5MWh Container Energy Storage System The 0.5MW/1WMh energy storage system includes one set of 500KW energy storage converter (PCS), 1260KWh battery system, one set of energy management system ...

Energy Storage Container Liquid-cooled container Large-capacity Energy Storage 314Ah large-capacity cells, with an 8000-cycle long lifespan, ensuring a durable and stable power supply.

The total capacity of the battery container is 5.016MWh, which integrates the battery system, BMS, fire suppression system, chiller, and environmental monitoring in the container, compatible with the 2h system ...

Product features(Containerized Energy Storage System): Low energy consumption, long life, high consistency, high stability. Application scenarios: photovoltaic power plants, wind power stations, power grid ...

The battery cell adopts the lithium iron phosphate battery for energy storage. At an ambient temperature of 25°C, the charge-discharge rate is 0.5P/0.5P, and the cycle life of the cell (number of cycles)  $\geq$  8000 times.

Housed in a prefabricated 40ft container, the system integrates 2.5MW power conversion, 5MWh of high-voltage LFP batteries, a step-up MV transformer, and full monitoring and safety infrastructure.

The 5MWh BESS comes pre-installed and ready to be deployed in any energy storage project around the world. We can offer flexible deployment of multiple battery containers supporting both back-to-back and end-to-end ...



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CPS is excited to launch the new 5 MWh battery energy storage system for the North American market. The battery system is a containerized solution that integrates 12 racks of LFP batteries and offers a high energy ...

Remarkable energy density: up to 5 MWh within a single 20ft container. Multiple-point electrical linkage measures incorporated for enhanced performance. Swift-acting fault protection integrated into the system. ...

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