

# Technical parameters of 5MWh outdoor energy storage cabinet



✓ 100KW/174KWh

✓ Parallel up-to 3sets

✓ IP Grade 54

✓ EMS AND BMS



## Overview

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It contains 14 battery clusters of 358. 4kWh each (1280V @ 280Ah), two 1.25MW energy storage inverters (PCS), and all necessary components including DC combiner cabinets, MV switchgear, local communication and EMS cabinet, fire suppression, HVAC, lighting, and power systems. This document introduces the safety and handling information, features, requirements, service, maintenance and warranty of 5MWh 20ft Liquid-cooling BESS of with the model of 5MWh (hereinafter referred to as 5MWh) in detail. The . 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 density for utility applications. The module has an IP66 protection level, liquid cooling, real-time temperature control, and a multi-level Battery Management System (BMS). With a three-level explosion-proof design, it ensures safe and . .

## Technical parameters of 5MWh outdoor energy storage cabinet



### 5 MWh Battery Energy Storage System

Key specifications include a battery capacity of 5016 kWh, maximum power of 2508 kW, and compliance with various safety standards.

### 5MWh Energy Storage System

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



### 5.01MWh User Manual for liquid-cooled ESS

Our Suntera G2 is a 5.01MWh (nominal energy) energy storage system. According to the requirement of 0.5P charging/discharging ratio of energy storage system, this design adopts high-safety and high

### [5MWh Outdoor Liquid-Cooled Containerized Energy Storage System](#)

The Outdoor Liquid-Cooled Container - 5MWh is a large-scale centralized energy storage solution developed for utility-level and grid-side energy storage projects that require ultra-high capacity, long



### 5MWh BESS Product Specification

The system adopts a "dual-cycle" structure for heat dissipation, with dual energy efficiency



control and multi-level distribution of liquid cooling pipelines. The temperature difference within any PACK is

### 2.5MW/5MWh ESS Specifications

Converter - Boost System Figure 3. 2.5MVA Transformer+12\*215kW PCS+MV cabinet



### Datasheet of 5MWh Battery Energy Storage System\_en

It uses high-density and long-cycle-life lithium iron phosphate batteries for energy storage. The module has an IP66 protection level, liquid cooling, real-time temperature control, and a multi-level Battery

### BESS 2.5MW-5MWh Battery Energy Storage System 40ft ESS

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.



### 5 MWh Battery Energy Storage System for North America

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

### 5mwh Bess Product Specification

Our BESS energy storage systems and photovoltaic foldable container solutions are engineered for reliability, safety, and efficient deployment. All systems include comprehensive monitoring and



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