

## PEES Power Systems

# Specifications of 5MWh Outdoor Photovoltaic Cabinet for Subway Stations



## Overview

---

Uses LiFePO<sub>4</sub> batteries with high thermal stability, extensive cycle life (up to 6000 cycles), and stable performance under load. 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.

6300\*2438\*2896mm, internal cable of battery container. The. The project features a 2. The energy storage system supports functions such as grid peak shaving. 1□ 5MWh Containerized Energy Storage System 2□ Modular design allows convenient installation, saving labor cost. 3□ Extendable-modular, adding more capacities as needed, Nx5MWh. The BESS system is controlled to cut off the grid connection within 10 seconds and switch to off-grid operation mode when the mains is. The Outdoor Photovoltaic Energy Cabinet is an all-in-one energy storage system with high strength, which can work under harsh environmental conditions to supply high-performance energy backup and regulation. It is built specifically for outdoor installation and integrates advanced LiFePO<sub>4</sub> battery.

## Specifications of 5MWh Outdoor Photovoltaic Cabinet for Subway St



### Outdoor Photovoltaic Energy Cabinet

Combines high-voltage lithium battery packs, BMS, fire protection, power distribution, and cooling into a single, modular outdoor cabinet. Uses LiFePO4 batteries with high thermal stability, extensive cycle ...

### 5MWh BESS Product Specification

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 ...



- IP65/IP55 OUTDOOR CABINET
- ALUMINUM
- OUTDOOR ENERGY STORAGE CABINET
- OUTDOOR EQUIPMENT CABINET

### 2.5MW/5MWh Liquid-cooling Energy Storage System Technical Program

The project features a 2.5MW/5MWh energy storage system with a non-walk-in design which facilitates equipment installation and maintenance, while ensuring long-term safe and reliable operation of the ...

## 2.5MW/5MWh ESS Specifications

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



## 5MWh Containerized Energy Storage System

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

## SUNFiD Solar Energy Storage System

5MWH 30Ft Container Energy Storage System Off-grid Power System Our Battery Energy Storage System (BESS) can be operated under on-grid and Off-grid operation mode.



## 5 MWh Battery Energy Storage System Energy Storage Solution



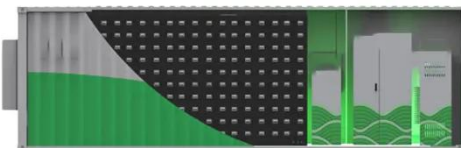
It is equipped with an advanced liquid cooling system that provides effective and efficient pack-level thermal management. The battery system is packed into a 20ft container to enable easy ...

## Outdoor Photovoltaic Energy Cabinet, Base Station Energy Storage

The outdoor energy cabinet supports hybrid configurations with solar + battery + grid or diesel generator. The EMS intelligently switches among power sources for optimal cost-efficiency and continuity.



## 5MWh 20 ft BESS Container



5MWh 20 ft BESS Container High Energy Efficiency The energy efficiency of 0.5P charge and discharge is no less than 94%

## 5MWh Energy Storage Container System

HJ-G0-5000F Energy Storage Container

System is a high-capacity energy storage device, adopting 3.2V/314Ah Li-FePO4 battery, with a rated capacity of 5MWh.



---

## Contact Us

---

For catalog requests, pricing, or partnerships, please visit:  
<https://www.peregrine-energy.co.za>

