

# Outdoor energy storage specifications



## Overview

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Discover the critical safety protocols, technical specifications, and industry best practices for deploying outdoor energy storage systems (ESS) across renewable energy, construction, and emergency response sectors. It is available in a variety of configurations, to provide the ideal system size for a range of project requirements. It supports dedicated applications such as optimization of photovoltaics. Introducing Guardian Outdoor, the compact 11 kWh solution for smaller-scale outdoor energy storage. Featuring advanced immersion cooling technology and proprietary BMS & EMS, it ensures superior safety, efficiency, and control. Engineered for safety, reliability, and scalability, it features patented LFP lithium-ion technology, a 3-level BMS, and turnkey design—making it a. converters, energy management monitoring systems, power distribut quisition of local load power, photovoltaic power generation priority is self-generation and self-use, and surplus electricity stora . DC voltage up to 1200Vdc Max. installed capacity up to 220kWh per cabinet Scalable and flexible configuration IP55 stainless enclosure with corrosion resistant painting Built-in battery management system, HVAC, and automatic fire suppression system Certification: cell level - UN38.

## Outdoor energy storage specifications



### Liquid Cooling Outdoor Energy Storage Cabinet-HyperStrong

HyperCube is a liquid-cooling outdoor cabinet suitable for energy storage. It features high safety, a long lifespan, high efficiency, stability, scalability, and rapid response.

### 418KWh Outdoor Cabinet Energy Storage System

The HJ-G215-418L industrial and commercial energy storage system from Huijue Group adopts an integrated design concept, with integrated batteries in the cabinet, battery management system, ...



**TAX FREE**    

**Product Model**  
HJ-ESS-215A(100KW/215KWh)  
HJ-ESS-115A(50KW 115KWh)

**Dimensions**  
1600\*1280\*2200mm  
1600\*1200\*2000mm

**Rated Battery Capacity**  
215KWH/115KWH

**Battery Cooling Method**  
Air Cooled/Liquid Cooled



### Outdoor C& I BESS Battery Energy Storage System , ACE Battery

Engineered for safety, reliability, and scalability, it features patented LFP lithium-ion technology, a 3-level BMS, and turnkey design--making it a trusted system for businesses seeking a dependable C& I ...

## Outdoor Energy Storage System 55kWh-215kWh With Isolation ...

Available in capacities of 55kWh, 100kWh, and 215kWh, this integrated ESS features a built-in isolation transformer for enhanced grid stability and robust load adaptability.

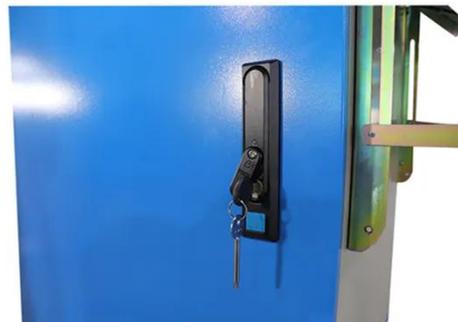


## Guardian Outdoor , 11KWh Battery Energy Storage System

Introducing Guardian Outdoor, the compact 11 kWh solution for smaller-scale outdoor energy storage. Featuring advanced immersion cooling technology and proprietary BMS & EMS, it ensures superior ...

## Energy Storage

SUNSYS HES L is a modular outdoor energy storage system designed for both on-grid and off-grid applications. It is available in a variety of configurations, to provide the ideal system size for a range ...



**ESS\_Leaflet\_BSO-  
CS\_EN\_20210802**



DC voltage up to 1200Vdc. Max. installed capacity up to 220kWh per cabinet. Scalable and flexible configuration. IP55 stainless enclosure with corrosion resistant painting. Built-in battery management ...

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## Outdoor Energy Storage Power Supply Implementation Standards: A

Discover the critical safety protocols, technical specifications, and industry best practices for deploying outdoor energy storage systems (ESS) across renewable energy, construction, and emergency ...



## SUNSYS HES L

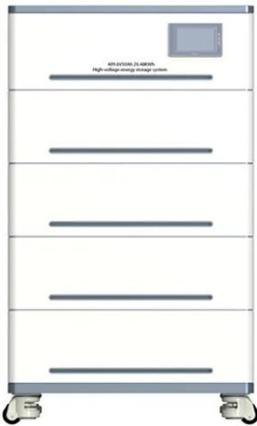
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## Guardian Outdoor , 11KWh Battery Energy Storage ...

Introducing Guardian Outdoor, the

compact 11 kWh solution for smaller-scale ...



## 250kW/500kWh Outdoor Cabinet Energy Storage System ...

It adopts door-mounted embedded integrated air conditioning, which does not occupy cabinet space, improves the available space of outdoor cabinets, has better structural integrity at the ...

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