

# Off-grid solar outdoor cabinet 120kW product specifications



## Overview

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Adopting automotive-grade design, the system supplies high-voltage power directly, replaces lead-acid batteries, and meets ESG sustainability standards. 45 m<sup>2</sup>, and supports four-quadrant active/reactive power regulation. The battery pack features an IP67-rated design, standard C4 corrosion resistance certification, and an integrated 5-in-1 fire detection system. Its network architecture supports seamless failover (0-second switching) during any single-unit failure, guaranteeing uninterrupted system operation and. 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. This scheme is applicable to the distribution system composed of, energy storage, power load and power grid (generator).

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### Home Energy Storage (Stackble system)



- Product Introduction**
- 1 Scalable from 10 kWh to 50 kWh
  - 2 Self-Consumption Optimization
  - 3 Integrated with inverter to avoid the compatibility problem
  - 4 LFP battery, safest and long cycle life
  - 5 Stackable design, effortless installation
  - 6 Capable of High-Powered Emergency Backup and Off-Grid Function

### Outdoor Photovoltaic Energy Cabinet

Engineered with reinforced steel enclosure and IP55/IP65 protection class for dust, water, and corrosion resistance in severe climates. Combines high-voltage lithium battery packs, BMS, fire protection, power ...

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### Outdoor Cabinet Energy Storage System

Product Features: Standardized structure design, menu-type function configuration, photovoltaic charging module, a parallel off-grid switching module, power frequency transformer, and other components can be ...



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### Commercial 120KW Solar Array

This Outdoor kit includes two (IP55 rated) Lithium Battery Bank is climate controlled and have integrated fire suppression. They are rated for 60KW of storage power each.

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## Battery Enclosures & Cabinets

Our battery enclosures can be pole-mounted or ground-mounted and are suitable for indoor and outdoor applications. If you are not sure which enclosure you should choose, please don't hesitate to email us at ...

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Nominal Capacity  
**230Ah**  
Nominal Energy  
**50kW/100kWh**  
IP Grade  
**IP54**



### 120KWH commercial energy storage system\_Lithium Battery Storage Solar

Off grid standby power supply: when the power supply of the power grid is interrupted, provide uninterrupted short-term power supply for important loads to reduce the economic losses caused by sudden power failure ...

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### LFP Battery Pack , Solar Storage Solution

The 120 kW automatic switching cabinet integrates STS-based control, protection, and monitoring functions to enable safe and automatic grid-connected and off-grid operation works with energy storage cabinets and ...

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### 120kW/241 kWh

Adopting automotive-grade design, the

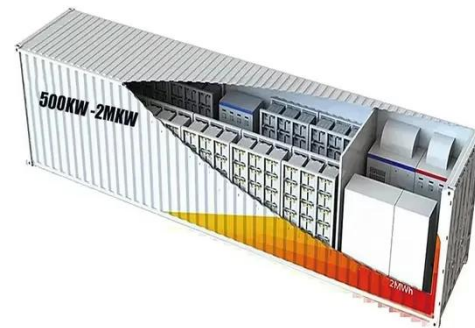


system supplies high-voltage power directly, replaces lead-acid batteries, and meets ESG sustainability standards. It increases integration density, reducing the footprint to just 1.45 ...

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## Specification for 120kW Automatic Grid

120kW automatic grid-connected and off-grid switching cabinet is an intelligent power distribution system integrating various electrical components, aiming at providing users with efficient, reliable and flexible ...



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## Outdoor Cabinet Energy Storage System (Air-Cooled) - Modular ...

Available in both 100kWh and 215kWh capacities, this modular system integrates power modules, batteries, cooling, fire protection, and environment monitoring in a compact outdoor cabinet.

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## IP55/IP65 Outdoor PV Inverter Cabinet with Integrated

## Distribution

Designed for outdoor deployment, the cabinet features weather-resistant construction, efficient ventilation or air conditioning, and options for battery and DC distribution integration. With robust protection (IP55/IP65), it ...

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