

Off-grid solar outdoor cabinet 120kW product specifications



Overview

Adopting automotive-grade design, the system supplies high-voltage power directly, replaces lead-acid batteries, and meets ESG sustainability standards. 45 m², 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 LiFePO₄ battery. This scheme is applicable to the distribution system composed of, energy storage, power load and power grid (generator).

Off-grid solar outdoor cabinet 120kW product specifications

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 ...

[Get Price](#)

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 ...



[Get Price](#)



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.

[Get Price](#)

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 ...

[Get Price](#)



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 ...

[Get Price](#)

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 ...

[Get Price](#)



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 ...

[Get Price](#)

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 ...



[Get Price](#)



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.

[Get Price](#)

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 ...

[Get Price](#)



Contact Us

For catalog requests, pricing, or partnerships, please visit:
<https://cannabiswow.es>

