241kWh Outdoor Energy Storage Cabinet – Reliable Power for Commercial & Industrial Use

Model: HJ-G110-241F Power: 110KW/241KWh

Summary

The HJ-G100-241F Outdoor Energy Storage Cabinet is ideal for industrial peak shaving, storing cheap off-peak energy to power heavy machinery during high-tariff periods. Its 768V high-voltage system and 100% DOD maximize efficiency, while IP54 and fire suppression ensure reliability in tough environments.

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Product Features

High-Capacity Storage

241kWh lithium-ion battery for reliable, long-lasting power storage and backup.

Outdoor-Ready Design

IP54-rated cabinet with durable weather-resistant materials, designed to withstand extreme temperatures and harsh outdoor conditions.

Modular & Scalable

Modular design allows easy expansion with parallel connection, adaptable to growing energy needs.

All-in-One Cabinet

Integrated Battery Management System (BMS), Energy Management System (EMS), fire suppression, and climate control for optimal performance.

Fast Deployment

Quick installation with plug-and-play design, reducing setup time and minimizing site preparation.

Smart Monitoring

Real-time remote monitoring, fault alerts, and system status updates via a smart EMS platform for operational efficiency.

Comprehensive Safety Design

Advanced safety features including thermal runaway protection, emergency shutdown, and built-in fire suppression system.

Multi-Scenario Application

Ideal for telecom base stations, off-grid locations, microgrids, and emergency backup power in various industries.

Technical Parameters

Product Parameters

Model	**HJ-G100-241F**
Cell Type	**LFP-314Ah**
Nominal Capacity	**241.15kWh/1P224S**
Charge/discharge ratio	

Application

Covering scenarios such as commercial buildings (integrating solar or wind energy to reduce energy costs and ensure reliable power), industrial plants (providing continuous backup power for critical operations during grid outages), renewable energy integration (storing excess energy to reduce grid dependency), off-grid installations (supplying reliable power in remote or unstable grid areas), and telecom base stations (ensuring continuous network operation in remote or off-grid regions).

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