



High-Voltage Stacked Battery

Long cycle life, 6000 times cycle, 5 years warranty

It is equipped with intelligent BMS for each battery pack to manage modules effectively.



High-Voltage Stacked Battery Energy Storage System



Parameter

High Voltage Stacked Energy Storage Battery (Without Inverter)

Model	HVXP-P10.24	HVXP-P15.36	HVXP-P20.48
Module number	2pcs	3pcs	4pcs
Rated capacity	10.24kwh	15.36kwh	20.48kwh
Rated voltage	204.8V	307.2V	409.6V
Working voltage	160~233.6V	240~350.4V	320~467.2V
Dimensions (mm)	530*190*1186	530*190*1569	530*190*1952
Weight	106kg	150kg	195kg
Discharge rate max	0.8C/40A		
Charging rate max	0.5C/25A		
Working temperature	Discharge Temperature: -20~55°C Charge Temperature: 0~55°C		
Rated Capacity	>50Ah@23°C BOL		
Enclosure Protection	IP54		
Efficiency	≥96%		
Communication Protocol	CAN/RS485		
Certification Standard			
Safe Certifications	CE,FCC, CCC		
Shipping Classification	UN 38.3, UN 3480, Class 9		

Introduction

This Stacked mode battery is a new energy storage product developed and produced by The Company, which can provide reliable power supply for all kinds of equipment or systems.

Stacked home energy storage adopts integrated home appliance design, which is exquisite, beautiful and easy to install.

Modular stacking design, flexible matching of energy storage units, expansion on demand, single-layer module capacity, built-in integrated inverter, convenient, lightweight, highly mobile, saving household electricity costs.

Feature

- ✔ Built-in soft-start function to reduce current impact.
- ✔ When multiple modules are series connected, module addresses are set automatically.
- ✔ Support for upgrading the battery module from the upper controller through CAN communication.
- ✔ The module is non-toxic, non-polluting and environmentally friendly.
- ✔ Cathode material is made from LiFePO₄ with safety performance and long cycle life.
- ✔ Battery management system (BMS) has protection functions including over-discharge, over-charge, over-current and high/low temperature.
- ✔ The system can automatically manage charge and discharge state and balance voltage of each cell.
- ✔ Flexible configuration, multiple battery modules can be connected to expand capacity and power.
- ✔ Adopted self-cooling mode rapidly reduced system entire noise.
- ✔ The module has less self-discharge, up to 6 months without charging it on shelf, no memory effect, excellent performance of shallow charge and discharge.

Application



Villa



School



Supermarket



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