



Home Solar Energy System Rack All in One Lithium Ion Battery 10kw 15kwh 20kwh Solar Power Energy Lithium Battery

Our Product Introduction

for more products please visit us on rechargeable-liionbattery.com

Basic Information

- Place of Origin: Hunan, China
- Brand Name: Picell
- Model Number: PE-C48V200AH
- Minimum Order Quantity: 1
- Price: CN¥5,318.41

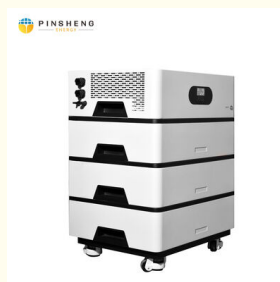
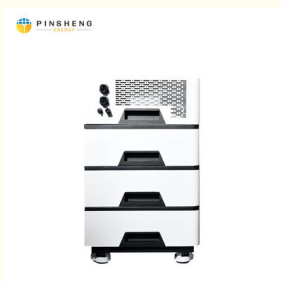


Product Specification

- Battery Type: Lithium Ion, LiFePO4
- Output Power Range: 10~20 KWh
- Dimension (L*W*H): /
- Weight: /, 360kgs
- System Type: Stackable
- Type: Split
- Communication Port: CAN, RS-232, Rs485
- Protection Class: IP54, IP64, IP65, IP55
- Grid Connection: Off Grid, Hybrid Grid
- Discharging Temperature: -20~60
- Cycle Life: 6000 Cycles
- Solar Output Power: 5kw To 20kw,customized
- External Module: Wi-Fi
- Size: 1600*800*600(mm)
- Inverter Type: Grid Hybrid Solar Inverter



More Images



Product Description

Home Solar Energy System Rack All-in-One Lithium Ion Battery

Complete solar power energy storage solution with capacities of 10kW, 15kWh, and 20kWh.

Product Overview

A promotional image for a home solar energy system. It features a background of a house with solar panels on the roof. Overlaid on this are two white, rectangular battery units. The top unit has a small digital display showing '100%' and '2000W'. The bottom unit is plain white. Three blue callout boxes with white text are positioned to the left of the batteries.

**LOW VOLTAGE STACKED
BATTERY
WITH INVERTER**

Long cycle,LEP battery cell

5kwh/10kwh/15kwh,
up to 16 battery packs in parallel

5kw/8kw/10kw
multiple inverter models







Technical Specifications

Basic Parameters			
Battery Type	LiFePO4		
Communication Connector	RS485		
Protection Level	IP20		
Operating Temperature	-15°C to 55°C		
Cooling Method	Intelligent air cooling		
Built-in Interface	RS485		
Installation Way	Stackable		
Noise	<60dB		
Statement	Up to 16 battery packs in parallel		

Battery Parameters			
Power	5.12kWh	10.24kWh	15.36kWh
Battery Voltage	40-58.4V		
Battery Rated Voltage	51.2V		
Battery Module Quantity	1	2	3
All-in-One ESS Cabinet Dimensions	620×438×475mm	640×438×624mm	640×438×791mm
Max Charge/Discharge Current	50A/100A		

Inverter Parameters			
Inverter Output	5kW	8kW	10kW

Rated Output Power	10000VA	8000W	10000W
Rated Output Voltage	230Vac (L/N/PE single-phase)		
Load Bearing Motor Capacity	4HP	5HP	6HP
Output Waveform	Pure sine wave		
Rated Battery Voltage	48Vdc		
Voltage Range	40-60Vdc		
Protection Grade	IP20, indoor use		
Ambient Temperature	-15°C to 55°C (-10°C to 55°C, >45°C derating)		

Photovoltaic Input			
Max Input Power	4,400W	11000W	
Max Input Current	50A	22/22A	
Max Open Circuit Voltage	145Vdc	500Vdc	
MPPT Operating Voltage Range	60-115Vdc	125-425Vdc	
MPPT Paths	1	2	

Mains/Generator Input			
Max Mains/Generator Charging Current	60A	100A	120A
Rated Frequency	50Hz/60Hz		
Bypass Overload Current	40A	63A	

Company Profile

Pinsheng Energy, with R&D located in Changsha City, Hunan Province near Guangzhou, is a High-Tech Enterprise with 4,000 square meters of workshop space and 121 staff members. We specialize in developing and producing lithium batteries and battery system integration. After years of development and research, we have formed a complete industry chain from research and production to sales.

- Longer cycle life and higher security
- Enhanced reliability and energy density
- Wide applications in energy storage and power systems
- Strict quality guarantee system
- Dedicated to becoming a top OEM & ODM lithium battery manufacturer



Packaging & Delivery



Payment & Logistics

PAYMENT&LOGISTICS

LOGISTICS

BY AIR/BY SEA/EXPRESS/UPS/ FEDEX/DHL



Trade Assurance



Contact Details



Sofia Tse
Sales Manager

**Hunan Pinsheng Energy
Technology Co.,LTD**



2/F,Building 4,Xiangfeng High-Tech Industrial Park,Changsha
County, Changsha City, Hunan Province
M.P.:+86-15675831763/13307465388
P.C: 410100
E-Mail: sofia_tse210816@gmail.com



Hunan Pinsheng Energy Technology Co., LTD.

☎ 15616151876

✉ info@pinshengenergy.com

🌐 rechargeable-liionbattery.com

NO. 259, Lixiang East Road, Xiangfeng Technology Industry Park, Changsha City, Hunan, China.