



unit backup home use solar photovoltaic on off grid 3kwh 5kwh 10kwh power with lifepo4 200ah all-in-one storage lithium battery

Our Product Introduction

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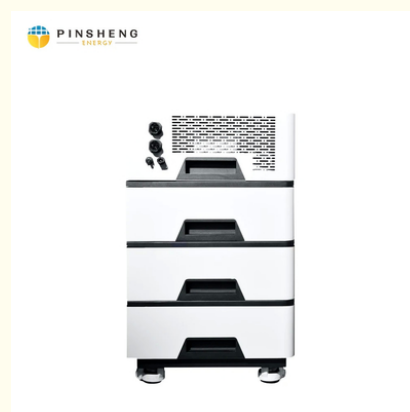
Basic Information

- Place of Origin: Hunan, China
- Brand Name: Pinsheng
- Model Number: PSW230722
- Minimum Order Quantity: 2 units
- Price: \$1,167.00/units 2-99 units
- Packaging Details: wooden box
- Supply Ability: 1000 Unit/Units per Month

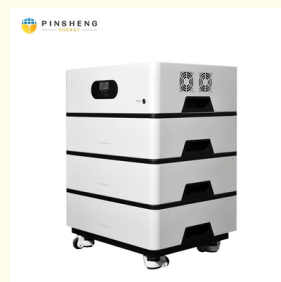
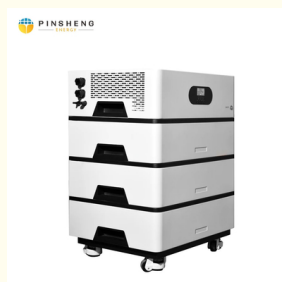


Product Specification

- Battery Type: Lithium Ion
- Output Power Range: 20-50 KWh
- Dimension (L*W*H): 620*438*190mm
- Weight: 6.2-10.8KG
- System Type: Stackable
- Type: All-in-one
- Communication Port: CAN, RS232, RS485
- Protection Class: IP54, IP64, IP65, IP55
- Grid Connection: Off Grid, Hybrid Grid
- Model: PS5000
- Inverter Output: 5000 W
- Rated Output Power: 10,000 VA
- Battery Type: Lithium Ion Battery
- Max Input Power: 4400 W
- Max Input Current: 50A



More Images



Product Description

Product Description

Product Name unit backup home use solar photovoltaic on off grid 3kwh 5kwh 10kwh power with lifepo4 200ah all-in-one storage lithium battery

Model	PS5K	PS3K
Inverter output	5,000W	3,000W
Rated output power	10,000VA	6,000VA
Rated output voltage	230Vac(L/N/PE single-phase)	230Vac(L/N/PE single-phase)
Load bearing motor capacity	4HP	2HP
Rated frequency	50Hz/60Hz	50Hz/60Hz
Output waveform	Pure sine wave	Pure sine wave
switching time	10ms(Typical value)	10ms(Typical value)
Battery		
Battery type	Lithium Ion Battery	Lithium Ion Battery

Rated battery voltage	48Vdc	48Vdc
Voltage range	40~60Vdc	40~60Vdc
Max PV charging current	80A	60A
Max mains/generator charging current	60A	60A
Max mixed charging current	140A	120A
MPPT paths	1	1
Max Input Power	4,400W	3,400W
Max input current	50A	40A
Max open circuit voltage	145Vdc	145Vdc
MPPT operating voltage range	60~115Vdc	60~115Vdc
Mains/generator input		
Input voltage range	UPSmode 170~280Vac APL mode 90~280Vac	UPSmode 170~280Vac APL mode 90~280Vac
Input frequency range	50Hz/60Hz	50Hz/60Hz
Bypass overload current	40A	30A
Efficiency		
MPPT tracking efficiency	99.90%	99.90%
Max efficiency of battery inverter	92%	92%
Basic parameters		
Size	620*438*190mm	620*438*190mm
Weight	10.8kg	6.2kg
Protection grade	indoor use	indoor use
Ambient temperature	-15°C~55°C	-15°C~55°C
Noise	<60dB	<60dB
Cooling method	Intelligent air cooling	Intelligent air cooling
Communication		
Built-in interface	RS485	RS485
External module	Wi-Fi	Wi-Fi

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Company Profile

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Pinsheng Energy with R&D located in Changsha City, Hunan Province, near to Guangzhou. It is a High-Tech Enterprise with 4,000 square meters workshop and 121 staffs. Pinsheng Energyh focus on developing and producing Lithium battery and battery system integration, after many years development and research, we have formed a complete industry chain from research, production to sales. Our lithium battery has the characteristics of longer cycle life, more higher security and more reliability, higher energy density and other superior performance. Our products are widely used in energy storage system such as off grid wind & solar energy storage, telecommunication system, UPS and etc and power system such as electric motorcycles, electric bikes, E- scooter, electric tricycles, golf cart, fork lift,electric vehiclesetc. Pinsheng Energy Battery products has a good reputation in China and abroad, it has strict quality guarantee system to ensure high-quality products. Pinsheng Energy put customers' needs at the first and listen to their suggestions. We will continuously improve our product quality and services. Pinsheng Energy is edicated to be a top OEM &ODM lithium battery manufacturer in the world.



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