

Portable Battery & Inverter Power system



SKU:

EAN:

FEATUES

This 5kw off grid hybrid solar power storage system can help ordinary users to easily built a off grid solar power storage system. With all essential parts and modules are properly configured and built into the system, the user just need to deploy the solar panels on the open land or on the roof, a self-owned solar power station is built. then start to plug and play.



SPECIFICATION

5kw

AC Input

Input voltage	220VAC
Input voltage range	185-264VAC
Input Frequency	50Hz or 60Hz (auto-sensing)
Input connector	AC Input

AC Output

Rate power	5000W
Peak power	10000VA(for less than 100ms)
Output Voltage	220Vac
Output frequency range	220Vac
Transfer time	10ms(AC bypass mode), 20ms(battery mode)
Waveform	Pure sine wave
Overload capability	on battery mode: 1 minute @ 102%~110% load; 10s @110%~ 130% load; 3s @130%~150% load; 200ms @>150% load

Battery

Battery type x qty	BYD lithium ion battery cell, 48V/100AH capacity
BMS	integrated BMS
Typical recharge time	AC charge: 2-3 hours, Solar charge: 3-4 hours

Charger

AC charger	48V, 60A(max)
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DC Output

12V DC charge ports	2 Nos, with charge current 10A max
5V USB ports	2 Nos, with charge current 1A max

Protection

Full protection	Automatic detection, discharge, short circuit and overload protection
Overload capability	Overload 110%~ 130%: Shutdown after 60s; Overload above 130%: Shutdown after 300ms.

Display & Indicators

Status display	Real time status, operation modes, load capacity, battery capacity, voltages, frequency. etc.
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Physical

Operation Temperature	0~40 °C
Operation Humidity	Relative humidity 20-90%, Non condensing
Noise	<50dB
System Size:	478*313*688mm
Gross Weight	system: 130kgs
Packaging dimensions	system: 478*313*688mm
