

Solar Energy Storage System

Build-in Wi-Fi and Bluetooth Lithium Battery
24V100, 48V100Ah and 48V200Ah



Key Features

- ✓ **Space Saving**
Wall mounted and space saving design.
- ✓ **High Cycle Life**
6000 cycles @80% for effectively lower total of ownership cost.
- ✓ **Long Service Life**
Low maintenance battery with stable chemistry.
- ✓ **Smart Communication**
Smart BMS communication with Leading Solar Hybrid Inverter
- ✓ **Circuit Protection**
Built in protection for Over-Charge, Over-Discharge & Over-Temperature.
- ✓ **Communication Interface**
Touch LCD display with Bluetooth wifi connection and communicate port CAN/RS485/RS323
- ✓ **Fast Charging**
Faster charging and discharging, suitable for Solar system
- ✓ **Extreme Heat Tolerance**
Suitable for use in a wider range of applications where ambient temperature is unusually high up to +60°C.

Performance may vary depending on application. All specifications are subject to change without prior notice to the user. This data is for evaluation purposes only. No guarantee is intended or implied this data. For clarification and updated information, please contact us.

Model	Wifi 25.6V 100Ah-WM	Wifi 51.2V 100Ah-WM	Wifi 51.2V 200Ah-WM
Battery Type	LiFe Po4		
Nominal Voltage	25.6V	51.2V	
Nominal Capacity	100Ah		200Ah
Energy	2560Wh	5120Wh	10240Wh
Cell Quantity	8 Cells	16 Cells	
Resistance	≤10mΩ	≤35mΩ	
Parallel Communication Quantity	10 Battery	15 Battery	
Full Charge Voltage (DC)	29.2V	58.4V	
Full Discharge Voltage (DC)	24V	48V	
Charging Passive Current Limit (A)	30Ah	20A	
Charge Voltage	29.2V	56.4V	
Charge Current	30Ah	40A	80A
Max. Charge Current	100A		200A
Max. Discharging Current	100A		200A
Recommended Charging & Discharging Current	50A		
Communication	Wifi, Bluetooth, RS232, RS485 and CAN port		
Display	Touch Screen LCD display		
Cycle Life	6000 cycles @ 80%		
Protection	BMS		
IP Degree	IP32		
Standard Charge Method	0.2C cc (Constant current) charge to FC, cv (Constant voltage FC) charge till charge current decline to <0.05C		
Storage Temp. (°C)	0~40°C		
Charge Temp. Range	0~45°C		
Discharge Temp. Range	-20°C~60°C		
Dimension, DxWxH (mm)	495x315x170mm	602x420x142mm	602x420x290mm
Net Weight (Kgs)	27	51	98

Dimension

