

## 02 Stackable 5KWH energy storage system

Top brand battery, A-grade quality, 6000 cycles. Modular mobile and stacked design, 1 layers of batteries, easy to install and expand plug and play, saving indoor moving space/high charging and discharging current, Suitable for solar energy storage systems, with various safety and certification real-time monitoring, CAN2.0/RS485 communication interface



Item	Spec	Remark
Nominal voltage	51.2V	
Nominal Capacity	100Ah at 0.2C	
Energy	5.12KWH	
Internal resistance	≤180mΩ at AC1KHz	
Limited charge voltage	58.4V MAX	
Working voltage	44.8~58.4V	
Max charging current	100A	
Discharge Cut-off Voltage	44.8V	
Standard discharge current	20A	
Max discharge current	100A	
Connection method	16S1P	
Cell model	3.2V 100Ah	
Housing material	Cold rolled steel plate	
Protection level	IP51	
Cooling method	Natural cooling	
Battery dimension	610*440*280±3mm	
Battery weight	≈59.9kg not include installation components	
Working temp range	Charge: 0C~45°C At10%-90%RH Discharge:-20°C~60°C	
Storage temp range	15°C~25°C: 9months At50%-60% SOC 0°C 35°C: 6v -20°C~45°C: 1month	

## 02 Stackable 10KWH energy storage system

Top brand battery, A-grade quality, 6000 cycles. Modular mobile and stacked design, 2 layers of batteries, easy to install and expand plug and play, saving indoor moving space/high charging and discharging current, Suitable for solar energy storage systems, with various safety and certification real-time monitoring, CAN2.0/RS485 communication interface



Item	Spec	Remark
Nominal voltage	51.2V	
Nominal Capacity	200Ah at 0.2C	
Energy	10.24KWH	
Internal resistance	≤180mΩ at AC1KHz	
Limited charge voltage	58.4V MAX	
Working voltage	44.8~58.4V	
Max charging current	100A	
Discharge Cut-off Voltage	44.8V	
Standard discharge current	40A	
Max discharge current	100A	
Connection method	16S2P	
Cell model	3.2V 100Ah	
Housing material	Cold rolled steel plate	
Protection level	IP51	
Cooling method	Natural cooling	
Battery dimension	610*440*440±3mm	
Battery weight	≈110.9kg not include installation components	
Working temp range	Charge: 0C~45°C At10%-90%RH Discharge:-20°C~60°C	
Storage temp range	15°C~25°C: 9months At50%-60% SOC 0°C 35°C: 6v -20°C~45°C: 1month	