



Electrical Characteristics

Nominal Voltage	25.6V
Nominal Capacity	200Ah
Minimum Capacity	200Ah
Energy	5120Wh
Cycle Life	>2000 cycles @0.5C 100%DOD
Months Self Discharge	<3%
Efficiency of Charge	100% @0.5C
Efficiency of Discharge	96~99% @0.5C
BMS Functions	Over charge, over discharge, over current, short circuit and temperature protection

Standard Charge & Discharge

Charge Voltage	28.8-29.2V
Charge Mode	0.2C to 29.2V, then 29.2V, charge current to 0.02C (CC/CV)
Charge Current	40A
Max. Charge Current	60A
Max Continuous Discharge Current	150A
Peak Discharge Current	450A 1-3S
Discharge Cut-off Voltage	20V±0.5V

Environmental

Charge Temperature	0 °C to 55 °C (32F to 131F) @60 ±25% Relative Humidity
Discharge Temperature	-20 °C to 60 °C (-4F to 140F) @60±25% Relative Humidity
Storage Temperature	0 °C to 45 °C (32F to 113F) @60 ±25% Relative Humidity
IP Class	IP20

Mechanical

Shell material	SPCC
Approx. Dimensions	L710xW230xH560mm
Approx. Weight	73kgs

Typical Applications

- Solar/Wind Energy Storage
- Back-up Power for UPS/ EPS

Inverter Input & Output

AC Input Voltage	220 VAC 50HZ & 110 VAC 60HZ
AC Output Power	3000W Max
AC peak Power	6000W
Highest conversion rate	> 92%
AC Charging current	40A Max
Solar panel power	1400W
Solar charging current	0-60A
Open circuit voltage	Max 100V DC (Solar)
Solar Charge	MPPT
Waveform	Pure sine wave

DC Output

USB1 USB2	5V 2A*2
DC5.5*2.5	12V 10A Max*2

Dimensional Specifications

