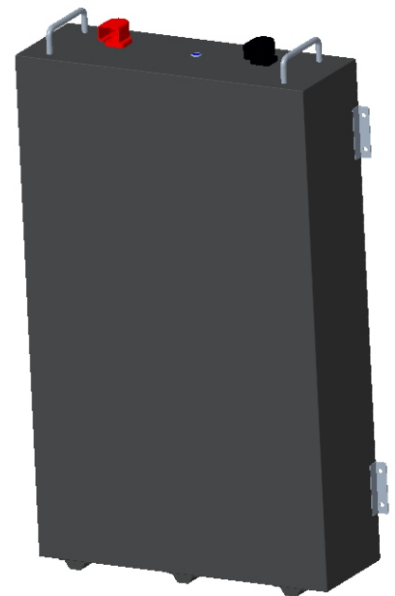




50.6V 80Ah (4048Wh)

Applications:

- **RV, Camping**
- **UPS (replaces SLA batte**
- **Marine, Golf Cart**
- **Solar, Wind Systems**
- **PV, Solar Lights**



Features



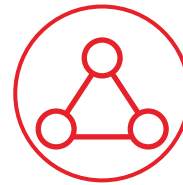
Overcharge Protection



Over Discharge Protection



Overcurrent Protection



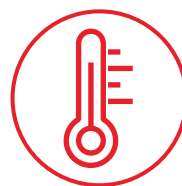
Balance Function



Short Circuit Protection



Overvoltage Protection



Temperature Protection



Environmental Friendly

Specification

Electrical Characteristics	Nominal Voltage	50.6V
	Nominal Capacity	80Ah
	Energy	4048Wh
	Internal Resistance(AC)	≤30mΩ
	Cycle Life	>25000 cycles @1C 80%DOD
	Months Self Discharge	<3%
	Efficiency of Charge	100% @0.5C
	Efficiency of Discharge	96~99% @1C
Standard Charge	Charge Voltage	50.6±0.2V
	Charge Mode	0.5C to 50.6V, then 50.6V, charge current to 0.02C (CC/CV)
	Charge Current	50A
	Max. Charge Current	100A
	Charge Cut-off Voltage	63.8V±0.2V
Standard Discharge	Rated Discharge Current	50A
	Max. Discharge Current	100A
	Discharge Cut-off Voltage	33V
Environmental	Charge Temperature	-40 - to 60 - @60±25% Relative Humidity
	Discharge Temperature	-40 - to 60 - @60±25% Relative Humidity
	Storage Temperature	-5 - to 35 - @60±25% Relative Humidity
	IP Class	IP65
Mechanical	Metal Case	SPCC
	Dimensions (mm.)	876*535*182mm
	Terminal	M6