



51.2V 100Ah

Wall Mounted LifePO4 Energy Storage System



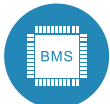
Used grade A lifepo4 battery cells



Silver plated copper terminal and fireproof shell materials



More than 6000 times deep cycle, high energy density and environmentally friendly



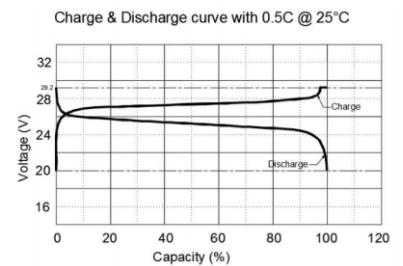
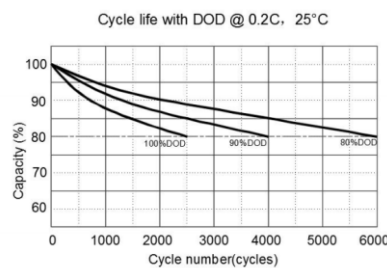
Built-in BMS



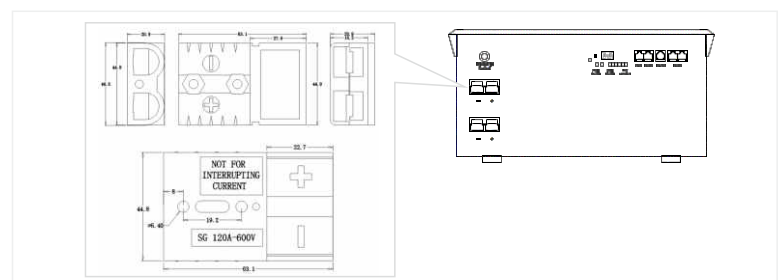
Certificate CE, UN38.3, MSDS

UN38.3 MSDS CE

Performance Characteristics



Interfaces and dimensions



Features

RSPB-100AH

Rated Capacity	100Ah
Minimal Rated Capacity	100Ah
Nominal Voltage	51.2V
Life Exception	Higher than 80% of the Initial Capacity of the Cells
Discharge cut-off voltage	40V
Charging cut-off voltage	58.4V
Cell and assembly method	16S1P
Housing material	Metal housing
Standard charge	0.2C constant current(CC) charge to 58.4V,then constant voltage(CV)58.4V charge till charge current decline to $\leq 0.05C$
Standard discharge	Constant current 0.5C Cut-off voltage 40.0V
Maximum Charge Current	80A
Max Continuous Discharge Current	80A
Peak current	100A
Operation Temperature Range	Charge: 0~55°C Discharge: -20~60°C Cell surface temperature $\leq 80^{\circ}C$
Storage Temperature Range	Less than 1 year : 0~25°C Less than 3 months:-10~35°C
Weight	46.6Kg
Max. Dimension	635*150*400mm
Communication	RS485/RS232/Dry contact/can
Parallel machine	Supporting parallel connection

Structural parts description

