



51.2V 300Ah

LifePO4 Energy Storage System



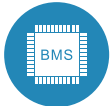
A-grade battery cell



Silver plated copper terminal and fireproof shell materials



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



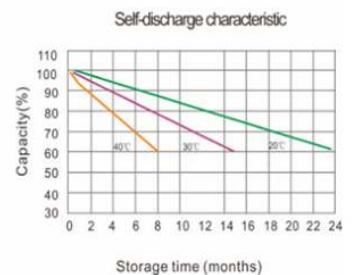
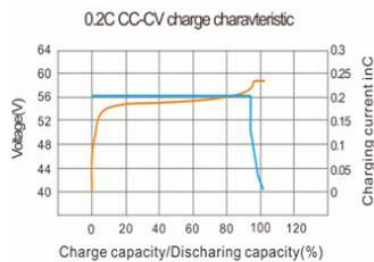
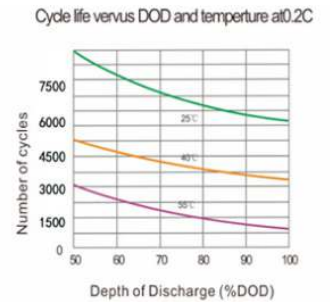
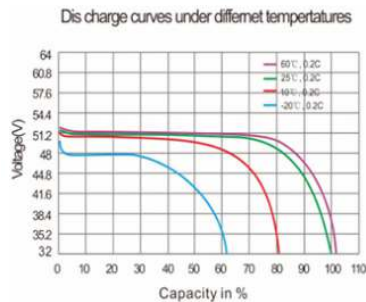
Built-in BMS



Certificate CE, UN38.3, MSDS

UN38.3 MSDS CE

Performance Characteristics



Features

RSPB-300AH

Item	General Parameter	Remark
Rated Capacity	Typical	60A0.2C standard charging, 150A0.5C standard discharge
	Minimum	
Nominal Voltage	51.2V	Mean Operation Voltage
Voltage at end of Discharge	41.6V ±0.5V	Discharge Cut-off Voltage
Battery limit voltage	58.4V±0.5V	max
Internal Impedance	≤50mΩ	Internal resistance measured at AC 1KHZ after 50% charge The measure must uses the new batteries that within one week after shipment and cycles less than 5 times
Standard charge	Constant Current60A	Charge time : Approx 5h
	Constant Voltage 58.4V	
Standard discharge	Constant current 150A	Discharge time is approximately 2h
	end voltage41.6V±0.5V	
Fast charge	Constant Current 150A	Charge time : Approx 2h
	Constant Voltage 58.4V	
Item Maximum Continuous Charge Current	150A	0.5C
Maximum Continuous Discharge Current	200A	0.67C
Operation Temperature Range	Charge: 0~45°C	60±25%R.H. Battery
	Discharge: -20~60°C	
Storage Temperature Range	Battery storage ambient	60±15%R.H. at the shipment state
	temperature:-10°C ~45°C	
	Charge quantity30%~50%	
Size	h890.0mm*I416.0mm*w237.0mm	
Weight	145kg	

Structural parts description

