



6000 cycles
at 80% DOD



1C/1C continual
charge and discharge



5 years
standard warranty



Superior LiFePO4
safety performance



Low voltage
safety connection



Max. 16 modules parallel

Features:

Two Mounting Methods:

1 Wall Mounted with Wall Bracket

2 Floor Stand With Detachable Floor Bracket(Optional)

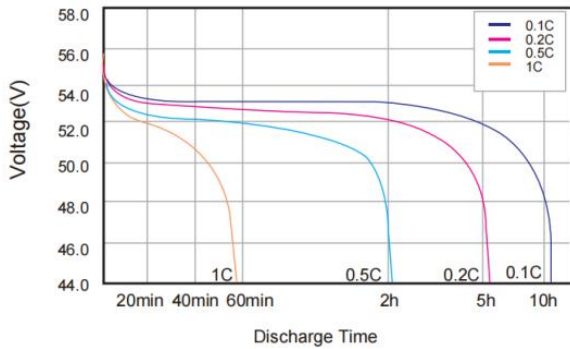
Technical Specifications

Basic parameters	Battery Model	WH 51.2V 200Ah
	Cell type	3.2V LiFePO4 cells
	Rated capacity	200Ah @C2, 25°C
	Rated voltage	51.2V 16S
	Energy	10.24Kwh
	Working voltage range	41.6V ~ 58.4V
	Cycle life@80%	≥6000 Cycles (80%DOD)
	Size	800*517*190mm
	Weight	96Kg
	Shell material	sheet metal
Charge	Standard Charge Voltage	56V
	Recommended charge current	40A
	Max charge current	100A
	Max charge voltage	58.4 V DC
Discharge	Max continuous discharge current	200A continuous (25°C)
	Discharge Cut-Off Voltage	44.8V
	Self-discharge	≤ 3% per month
Using environment	Charging temperature range	0°C to 45°C(32°F to 113°F) @60±25% Relative Humidity
	Discharge temperature range	-20°C to 60°C(-4°F to 140°F) @60±25% Relative Humidity
	Storage temperature range	0°C to 45°C(32°F to 113°F) @60±25% Relative Humidity
	Enclosure IP grade	
Communication	Communication Interface	RS485、RS232、CAN (Optional)
Parallels	Parallels Function	Support 16 Units In Parallels
Installation method	Installation method	Wall Mounted Floor Stand
Design Life	Design life	5 Years
Certification	UN38.3,CE,MSDS	Yes

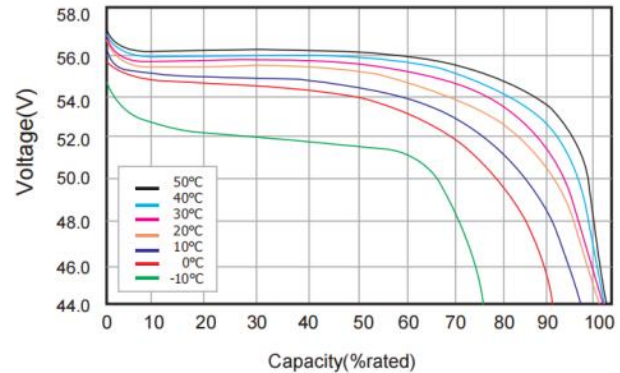
Performance Curve

Different current/Temperature Discharge curves

Different Rate Discharge Curve @25°C

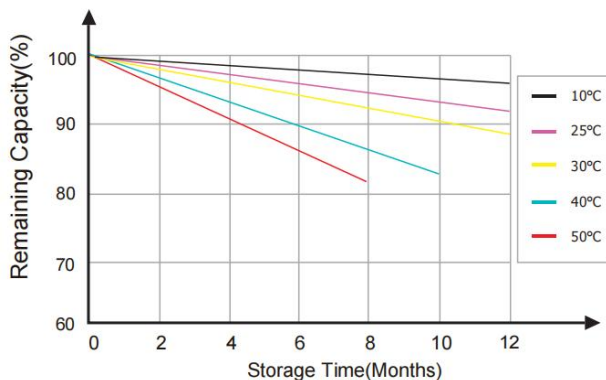


Different Temperature Discharge Curve @0.5C

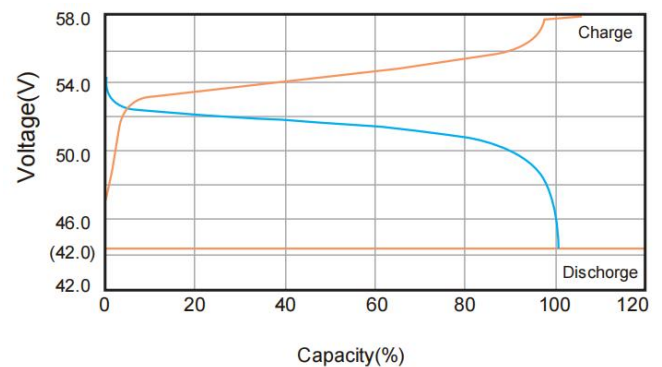


Charging and Discharge curve

Charge and Discharge at 25°C, 0.5C

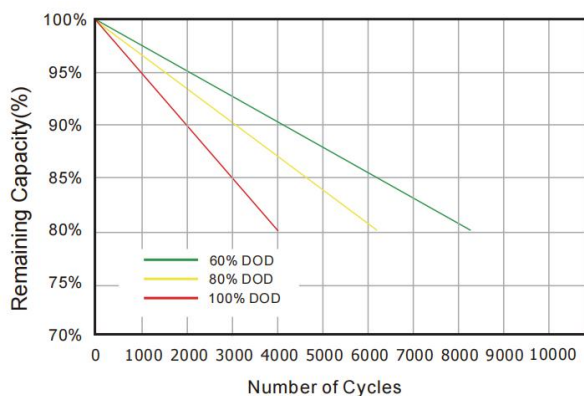


Different Temperature Self Discharge Curve



Cycle Life Curve

Different Discharge Depth Life Curves & 25°C, 0.5C



Different Discharge Depth Life Curves & 40°C, 0.5C

