



IMP-12V105AH200A-BLUE

LiFePO4 Battery

Specification

Electrical Characteristics	Nominal voltage	12.8V
	Nominal capacity	105Ah
	Energy	1344Wh
	Cycle Life	>3000 cycle @80% DoD, discharge rate 0.5C, 25°C
	Months Self	≤3.5% per month at 25°C
Standard charge	Charge Voltage	14.6±0.2V
	Charge Mode(CC/CV)	At 0°C~45°C temperature, charged to 14.6V at a constant current of 0.2C, and then charged continuously with constant voltage of 14.6V until the current no more than 0.02C
	Standard Charge	40A
	Max.Charge Current	100A
Standard discharge	Max.Continuous discharge Current	200A
	Peak discharge current	400A<3S
	Discharge Cut-off Voltage	10.0V
Temperature	Charge Temperature	0°C to 45°C(32°F to 113°F) @60±25% Relative Humidity
	Discharge Temperature	-20°C to 60°C(-4°F to 140°F) @60±25% Relative Humidity
	Storage temperature	-10°C ~ + 45°C (every month needs to do charge and discharge for one time if storage and no put in use)
Bluetooth		Support
Low temperature protection		Support
Serial connection		Support 4pcs in serial.
Parallel connection		Support 4pcs in parallel.
Terminal		M8
Battery Weight		Approx. 10.95KG
Battery Dimension		326*173*215mm
Housing		ABS
Marking terminal		Positive pole "+", negative "-"