



## Specification

Model:		IMP-RV12V175AH150A-BLUE-HEAT
Electrical Characteristics	Nominal voltage	12.8V
	Nominal capacity	175Ah
	Energy	2240Wh
	Cycle Life	>3000 cycle @80% DoD, discharge rate 0.5C, 25°C
	Months Self Discharge	≤3.5% per month at 25°C
Standard charge	Charge Voltage	14.6±0.2V calculated according 3.65Vvoltage of each cell
	Charge Mode (CC/CV)	At 0°C~45°C temperature, charged to 14.0V at a constant current of 0.2C, then charged continuously with constant voltage of 14.6V until the current no more than 0.02C
	Standard Charge Current	0.2C 30A
	Max.Charge Current	0.5C 75A
Standard discharge	Max.Continuous discharge Current	1C 150A
	Peak discharge current	2C 300A(<3S)
	Discharge Cut-off Voltage	10.0V Calculated according to 2.5V voltage of each cell
Temperature	Charge Temperature	-20°C to 45°C @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 Function		Support
Low Temperature Protection		Support
Heating function		Support
Terminal		M8
Battery Weight		Approx.17.2KG
Battery Dimension		Din 355*180*190mm
Housing		ABS
Marking terminal		Positive pole "+", negative "-"
Series function		support 4pcs in series
Parallel function		support 4pcs in parallel (if you are a technician, know how to use, can be no limit)