

Specification

Model:		IMP-12V20AH
Electrical Characteristics	Nominal voltage	12.8V
	Nominal capacity	20Ah
	Energy	256Wh
	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 3.65V voltage 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	4A
	Max.Charge Current	10A
Standard discharge	Max.Continuous discharge Current	20A
	Peak discharge current	40A(<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
Bluetooth Function		/
Low Temperature protection		/
Terminal		M5
Battery Weight		Approx.2.7KG
Battery Dimension		180*75*165mm
Housing		ABS IP67
Marking terminal		Positive pole "+", negative "-"
Parallel function		Support 4pcs in parallel
Series function		Support 4pcs in serial