

# Specification

Model:		10423-27
Electrical Characteristics	Nominal voltage	12.8V
	Nominal capacity	100Ah
	Energy	1280Wh
	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	20A
	Max.Charge Current	50A
Standard discharge	Max.Continuous discharge Current	100A
	Peak discharge current	200A(<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		support
Low Temperature charging protection		Support
Terminal		M8
Battery Weight		Approx.10KG
Battery Dimension		326*173*215mm
Housing		ABS
Marking terminal		Positive pole "+", negative "-"
Parallel function		Support 4pcs in parallel
Series function		Support 4pcs in serial