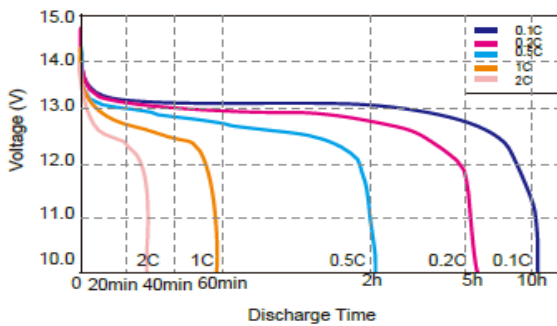


Electrical Characteristics	Nominal Voltage	12.8V
	Nominal Capacity	50Ah
	Energy	640Wh
	Internal Resistance	≤60mΩ
	Cycle Life	>2000 cycles @1C 100%DOD
	Months Self Discharge	<3%
	Efficiency of Charge	100% @0.5C
	Efficiency of Discharge	96-99% @1C
Standard Charge	Charge Voltage	14.4±0.1V
	Charge mode	0.2C to 14.4V, then 14.4V,charge current to 0.02C (CC/CV)
	Charger Current	25A
	Max Charge Current	50A
	Charge Cut-off Voltage	14.6V±0.1V
Standard Discharge	Continuous Current	50A
	Max. Pulse Current	150A(<2s)
	Discharge Cut-off Voltage	10V
Environmental	Charge Temperature	0 °C to 45 °C (32F to 113F) @60±25% Relative Humidity
	Discharge Temperature	-20 °C to 60 °C (-4F to 140F) @60±25% Relative Humidity
	Storage Temperature	0 °C to 40 °C (32F to 104F) @60±25% Relative Humidity
		IP56
Mechanical	Cell & Method	32700 6Ah 4S9P
	Plastic Case	ABS
	Dimensions (mm./in.)	197x166x176mm (7.75"*6.53"*6.93")
	Weight (kg./lbs.)	6.5Kgs(14.33lbs)
	Terminal	M8
	Communication	Bluetooth Monitoring APP

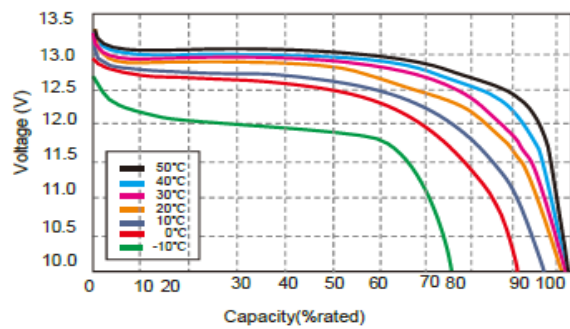
Different Rate Discharge Curve

Different Rate Discharge Curve @25°C



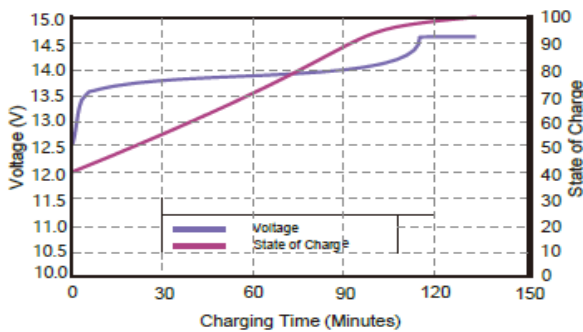
Different Temperature Discharge Curve

Different Temperature Discharge Curve @0.5C



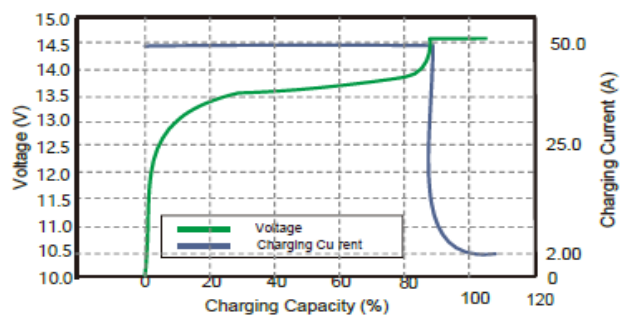
State of Charge Curve

State of Charge Curve @0.5C 25°C



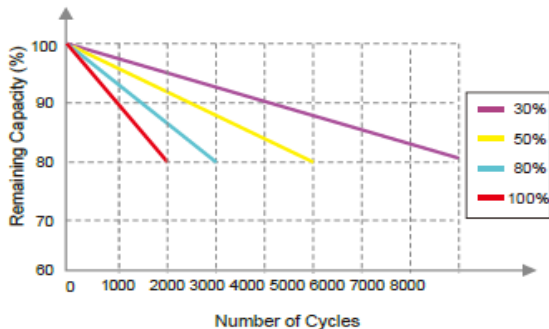
Charging Characteristics

Charging Characteristics @0.5C 25°C



Cycle Life Curve

Different DOD Discharge Cycle Life Curve @1C



Self Discharge Characteristics Curve

Different Temperature Self Discharge Curve

