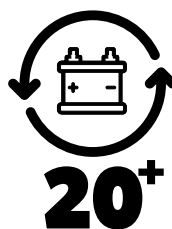


ELECTRICAL CHARACTERISTICS	
Nominal Voltage	12.8V
Nominal Capacity	50Ah
Energy	640Wh
Resistance	≤100mΩ
Self Discharge	<3% / Month
Cell configuration	4S2P
CHARGE PERFORMANCE	
Maximum Charge Current	50A
Charge Voltage	14.6 +/- 0.1V
DISCHARGE PERFORMANCE	
Continuous Current	25A
Max. Pulse Current	50A
Disc. Cut-Off Voltage	10.0V
TEMPERATURE PERFORMANCE	
Charge Temperature	0°C to 45°C (32F to 113F)
Discharge Temperature	-20°C to 60°C (-4F to 140F)
MECHANICAL PERFORMANCE	
Dimension (L x W x H)	223 x 150 x 177 mm (8.78"x 5.91"x 6.97")
Weight	6.5kg (14.33lbs)
Case Material	Plastic
Cycle Life	>2000 cycles @ 1C 80% DOD
COMPLIANCE	
Shipping Classifications	UN3480, CLASS 9
MAINTENANCE	
Routine Charging	Charge and discharge every 3 months
Storage Temperature	0°C to 40°C (32F to 104F)



Features Bluetooth App
for IOS and Android!

Check Out This Product Online



Longer Life Cycle

Up to 20 times more cycle life and five times the float /calendar life than lead acid batteries, minimizing replacement cost and reducing total cost of ownership.



Light Weight

About 40% of the weight of a comparable lead acid battery. Footprints offer a 'drop in' replacement for lead acid batteries.

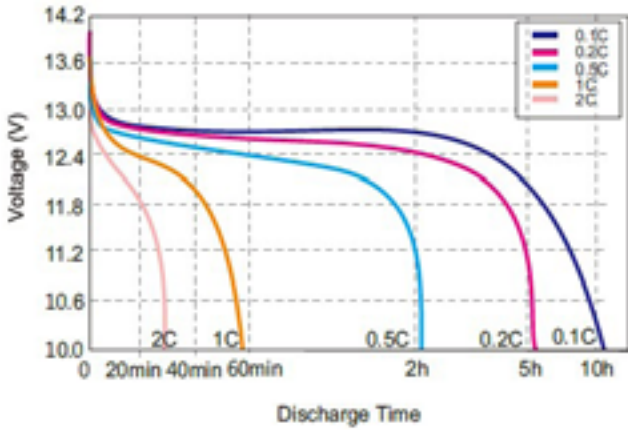


Higher Power

Delivers up to twice the power of lead acid battery at high discharge rates while maintaining high energy capacity.

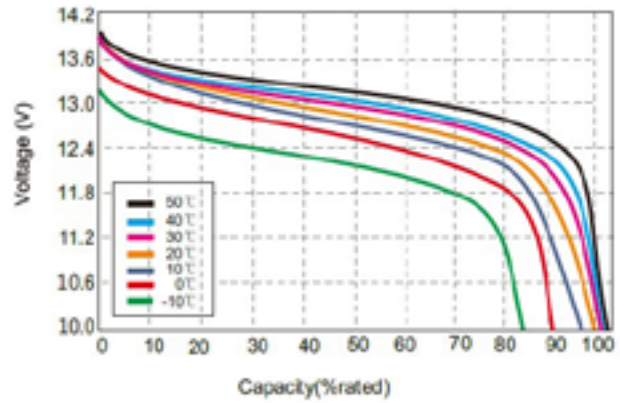
Different Rate Discharge Curve

Different Rate Discharge Curve @25°C



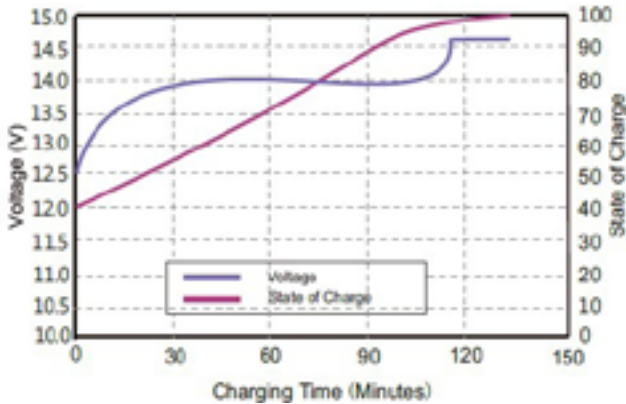
Different Temperature Discharge Curve

Different Temperature Discharge Curve @0.5C



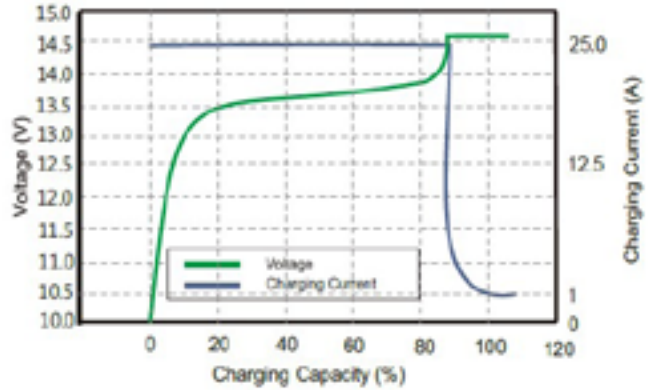
State of Charge Curve

State of Charge Curve @0.5C 25°C



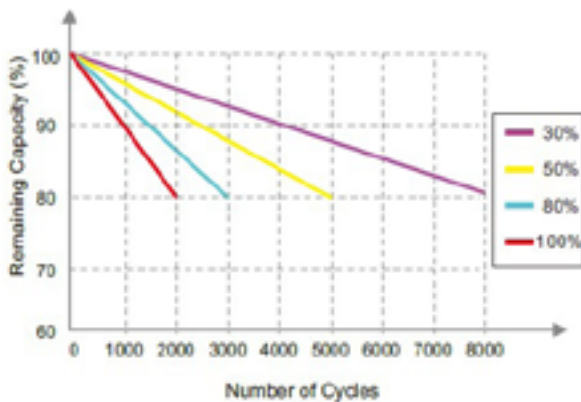
Charging Characteristics

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

