

ELECTRICAL CHARACTERISTICS	
Nominal Voltage	12.8V
Nominal Capacity	20Ah
Energy	256Wh
Resistance	≤30mΩ
Self Discharge	<3% / Month
Cell configuration	4S5P
CHARGE PERFORMANCE	
Maximum Charge Current	10A
Charge Voltage	14.4 +/- 0.2V
DISCHARGE PERFORMANCE	
Continuous Current	20A
Max. Pulse Current	30A (1S)
Disc. Cut-Off Voltage	11.0V
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)	181 x 78 x 165 mm
Weight	2.4 +/- 0.1kg (5.29lbs)
Case Material	ABS
Cycle Life	>2000 cycles @ 1C 80% DOD
Series Connect	Max. 4 batteries connected
Parallel Connect	Max. 4 batteries connected
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)



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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.

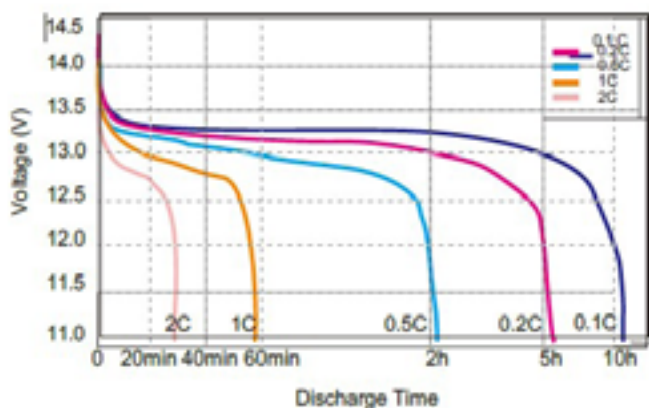


Higher Power

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

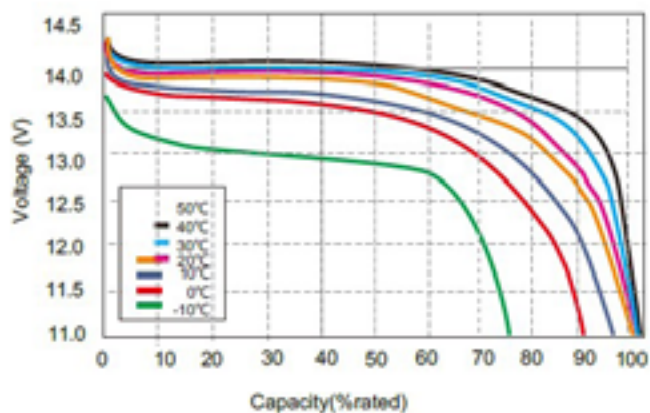
Different Rate Discharge Curve

Different Rate Discharge Curve @25°C



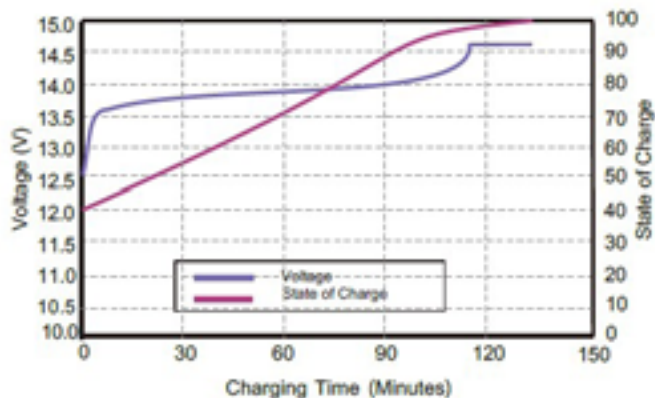
Different Temperature Discharge Curve

Different Temperature Discharge Curve @0.5C



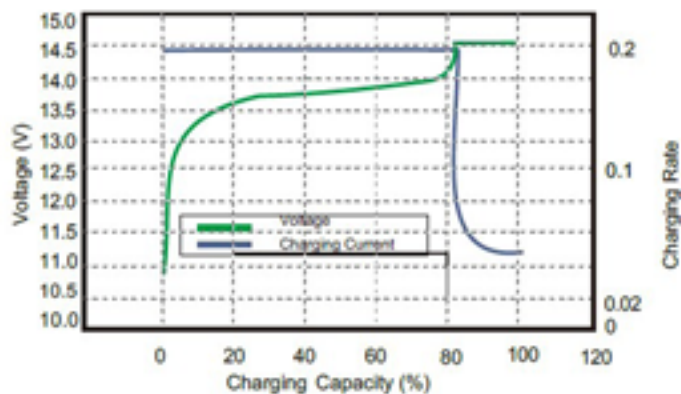
State of Charge Curve

State of Charge Curve @0.5C 25°C



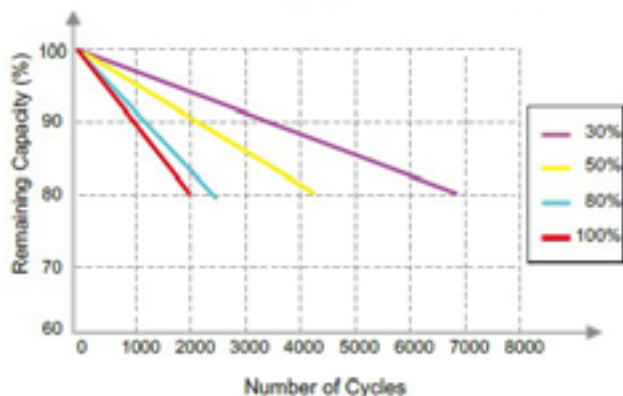
Charging Characteristics

Charging Characteristics @0.2C 25°C



Cycle Life Curve

Different DOD Discharge Cycle Life Curve @1C



Self Discharge Characteristics Curve

Different Temperature Self Discharge Curve

