

ELECTRICAL CHARACTERISTICS	
Nominal Voltage	12.8V
Nominal Capacity	12Ah
Energy	153.6Wh
Resistance	≤60mΩ
Self Discharge	<3% / Month
Cell configuration	4S3P
CHARGE PERFORMANCE	
Maximum Charge Current	6A
Charge Voltage	14.4 +/- 0.2V
DISCHARGE PERFORMANCE	
Continuous Current	12A
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)	151 x 99 x 100mm
Weight	1.4 +/- 0.1kg (3.09lbs )
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)



### Check Out This Product Online



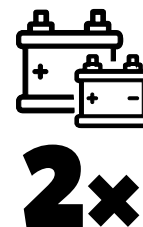
#### Longer Life Cycle

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.

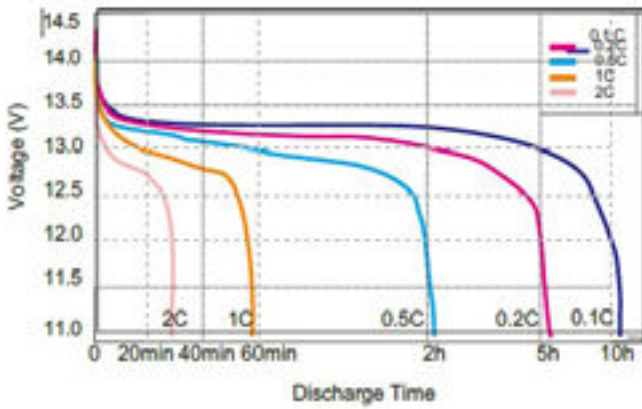


#### Higher Power

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

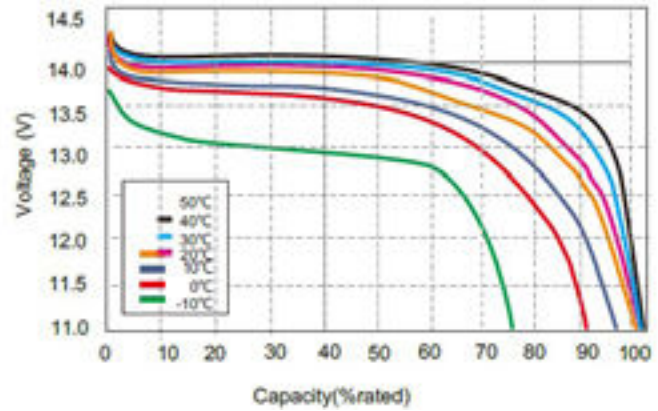
**Different Rate Discharge Curve**

Different Rate Discharge Curve @25°C



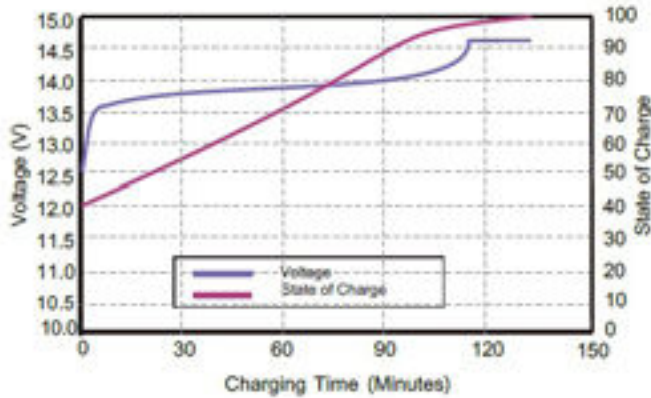
**Different Temperature Discharge Curve**

Different Temperature Discharge Curve @0.5C



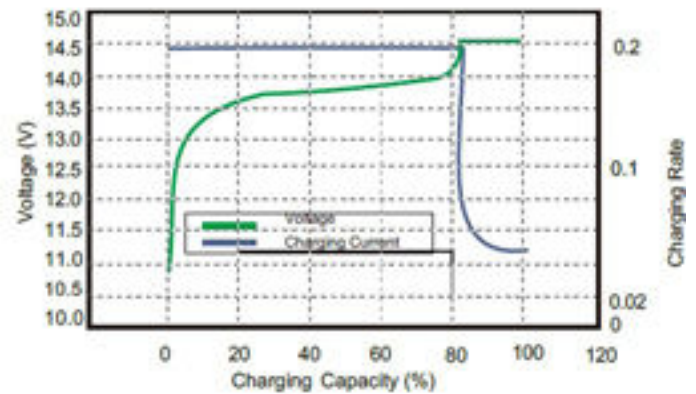
**State of Charge Curve**

State of Charge Curve @0.5C 25°C



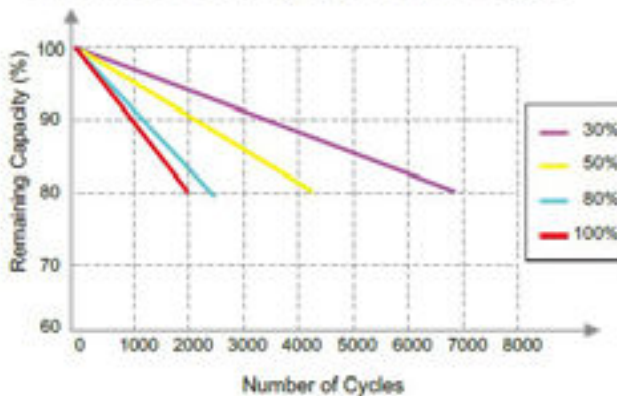
**Charging Characteristics**

Charging Characteristics @0.2C 25°C



**Cycle Life Curve**

Different DOD Discharge Cycle Life Curve @1C



**Self Discharge Characteristics Curve**

Different Temperature Self Discharge Curve

