

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)



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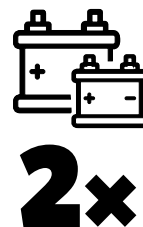
Longer Life Cycle

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

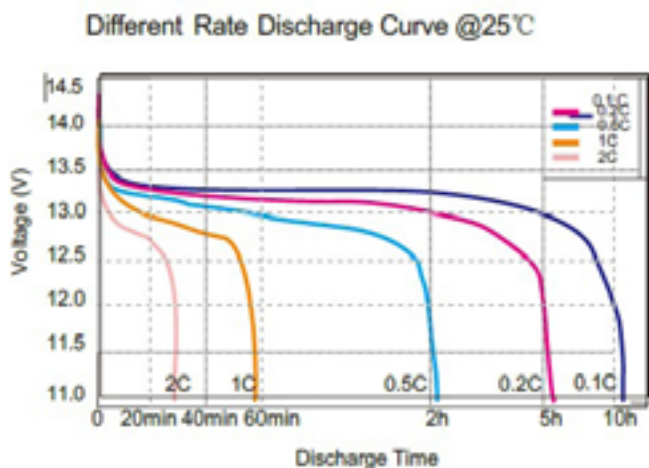
About 40% of the weight of a comparable lead acid battery. Footprints offer a 'drop in' replacement for lead acid batteries.



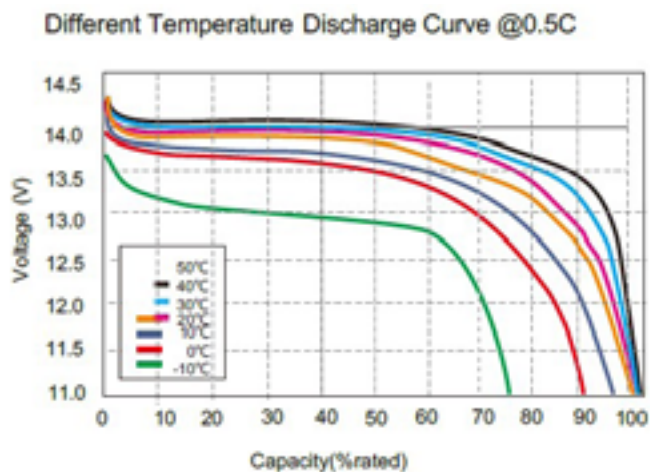
Higher Power

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

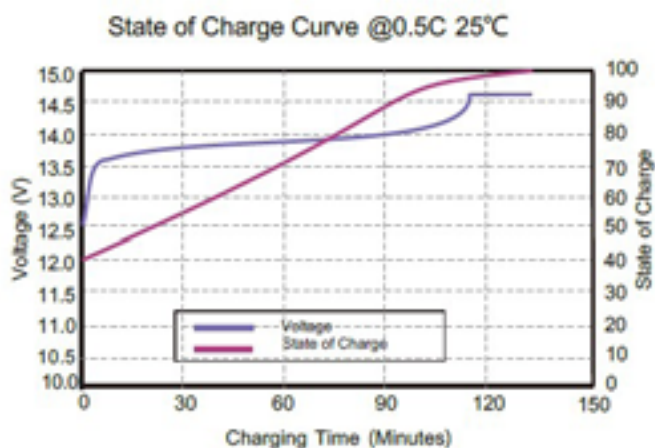
Different Rate Discharge Curve



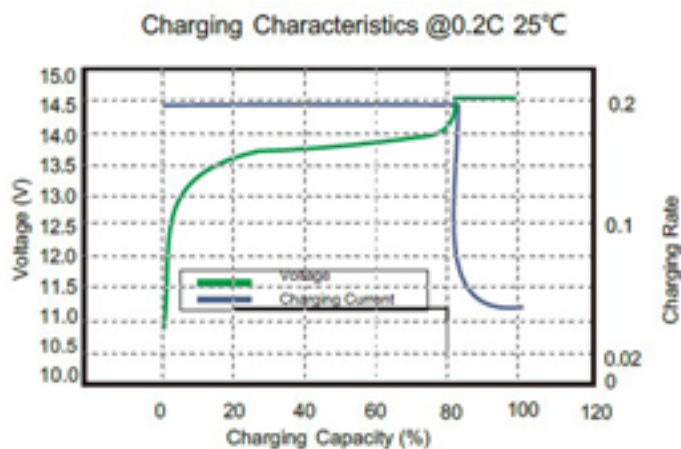
Different Temperature Discharge Curve



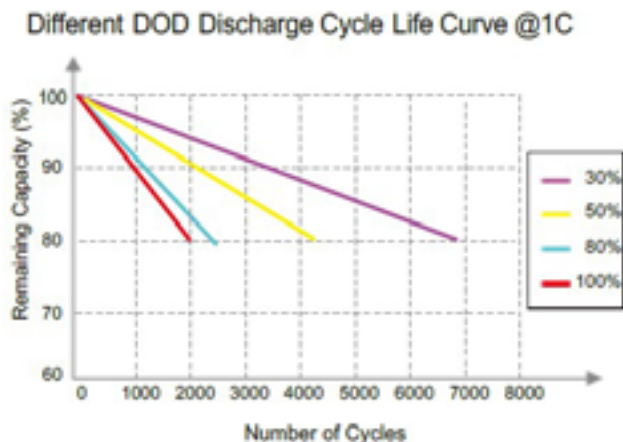
State of Charge Curve



Charging Characteristics



Cycle Life Curve



Self Discharge Characteristics Curve

