

RBGT-16

Golf Trolley Battery



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LITHIUM IRON PHOSPHATE BATTERY

12.8 V
16 Ah
204.8 Wh
40 mΩ
99%
<3% per Month

DISCHARGE SPECIFICATIONS	
Standard Discharge Current	16 A
Maximum Continuous Discharge Current	25 A
PCM Discharge Current Cut-Off	150 A (±20 A)
Recommended Low Voltage Disconnect	11 V
PCM Discharge Voltage Cut-Off	8 V
Reconnect Voltage	>8 V
Short Circuit Protection	200-500 µs

Dimensions (L x W x H)	6.6 x 5.0 x 3.0" 168 x 128 x 76 mm
Weight	4.6 lbs (2.1 kg)
Terminal Type	T-Bar Connector
Cell Type	Cylindrical
Chemistry	LiFePO ₄
CHARGE SPECIFICATIONS	
Recommended Charge Current	≤5 A
Maximum Charge Current	5 A
PCM Charge Current Cut-Off	150 A (±20 A)
Recommended Charge Voltage	14.4 V
PCM Charge Voltage Cut-Off	15.2 V
Reconnect Voltage	14.4 V
Balancing Voltage	14.4 V

COMPLIANCE SPECIFICATIONS

MECHANICAL SPECIFICATIONS

Certifications	CE (battery) UN38.3 (battery) UL1642 & IEC62133 (cells)
Shipping Classification	UN 3480, CLASS 9

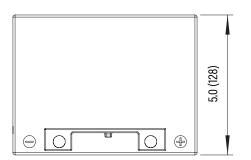
DIMENSIONAL SPECIFICATIONS

PCM High Temperature Cut-Off

TEMPERATURE SPECIFICATIONS

Discharge Temperature

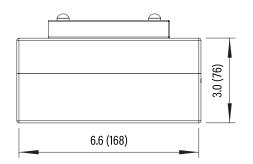
Charge Temperature Storage Temperature



-4 to 140 °F (-20 to 60 °C) 32 to 113 °F (0 to 45 °C)

-4 to 140 °F (-20 to 60 °C)

149 °F (65 °C)



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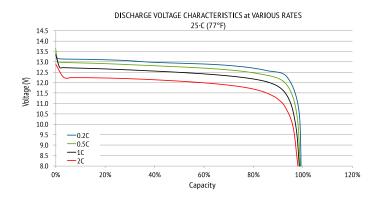
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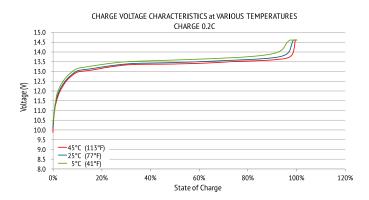


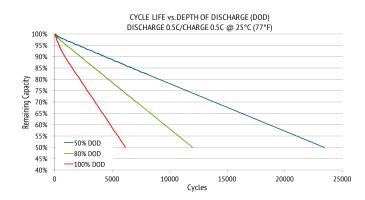
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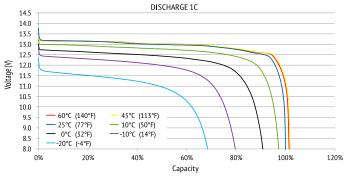
PERFORMANCE CHARACTERISTICS



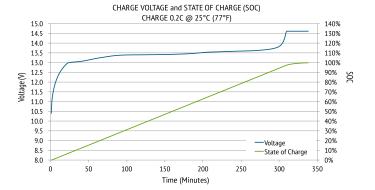


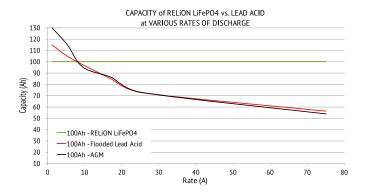






DISCHARGE VOLTAGE CHARACTERISTICS at VARIOUS TEMPERATURES







RBGT16DS08.02.2017

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F.

IEC

CE

UN38,3

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