

### RBGT-16

# **Golf Trolley Battery**



### **LITHIUM IRON PHOSPHATE BATTERY**

<b>ELECTRICAL</b> SPECIFICATION	NS
Nominal Voltage	12.8 V
Nominal Capacity	16 Ah
Energy	204.8 Wh
Resistance	40 mΩ
Efficiency	99%
Self Discharge	<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

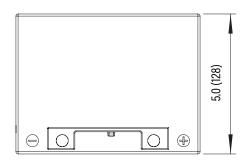
TEMPERATURE SPECIFICATIONS	
Discharge Temperature	-4 to 140 °F (-20 to 60 °C)
Charge Temperature	32 to 113 °F (0 to 45 °C)
Storage Temperature	-4 to 140 °F (-20 to 60 °C)
PCM High Temperature Cut-Off	149 °F (65 °C)

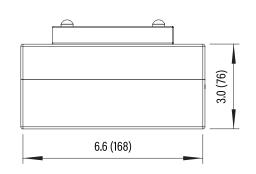
Dimensions (L x W x H)	6.6 x 5.0 x 3.0"
Difficusions (EXWXII)	168 x 128 x 76 mm
Weight	4.6 lbs (2.1 kg)
Terminal Type	T-Bar Anderson Connector
Cell Type	Cylindrical
Chemistry	LiFePO <sub>4</sub>

<b>CHARGE</b> 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	
Certifications	CE (battery) UN38.3 (battery) UL1642 & IEC62133 (cells)
Shipping Classification	UN 3480, CLASS 9

#### **DIMENSIONAL SPECIFICATIONS**





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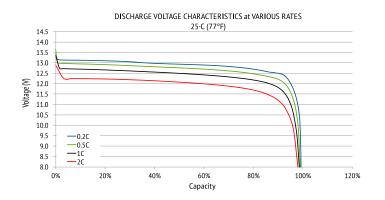


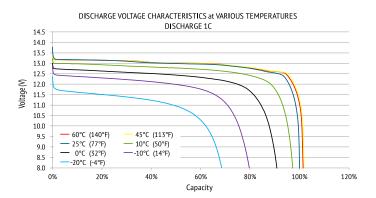


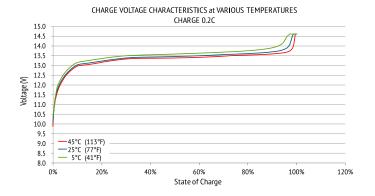
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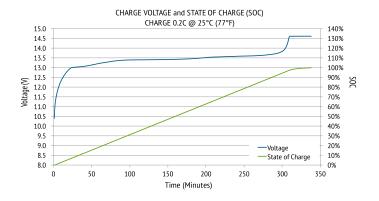


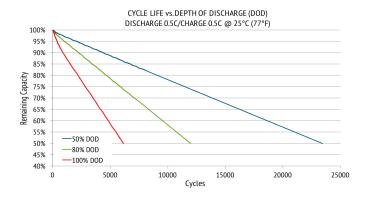
#### **PERFORMANCE CHARACTERISTICS**

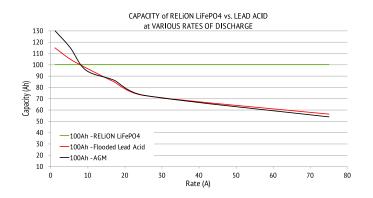
























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