

## **RBGT-22**

### 12.8V 22Ah RBGT-22 RELION 18.3 RI CE @

## Golf Trolley Battery

### **LITHIUM IRON PHOSPHATE BATTERY**

ELECTRICAL SPECIFICATIONS	
Nominal Voltage	12.8 V
Nominal Capacity	22 Ah
Energy	281.6 Wh
Resistance	40 mΩ
Efficiency	99%
Self Discharge	<3% per Month

<b>DISCHARGE</b> 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)

MECHANICAL SPECIFICATIONS	
Dimensions (L x W x H)	6.6 x 5.0 x 4.0" 168 x 128 x 102 mm
Weight	6.4 lbs (2.9 kg)
Terminal Type	T-Bar Connector
Cell Type	Cylindrical
Chemistry	LiFePO <sub>4</sub>
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

#### **COMPLIANCE SPECIFICATIONS**

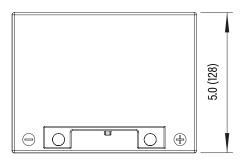
**Balancing Voltage** 

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

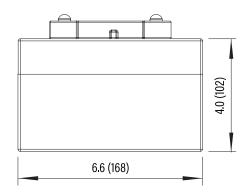
14.4 V

#### **DIMENSIONAL SPECIFICATIONS**

PCM High Temperature Cut-Off



149 °F (65 °C)



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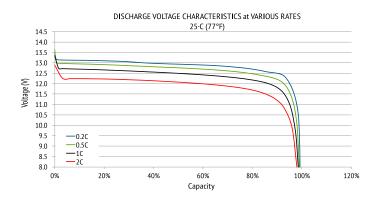


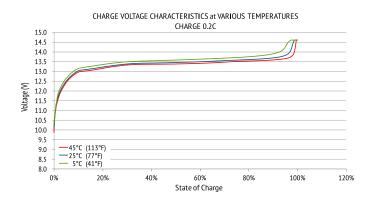


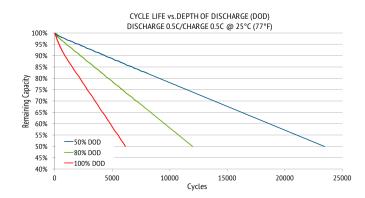
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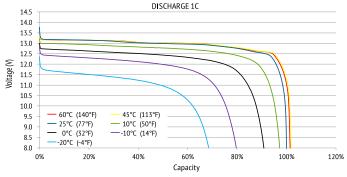
#### **PERFORMANCE** CHARACTERISTICS



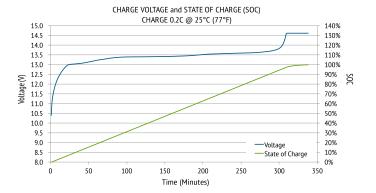


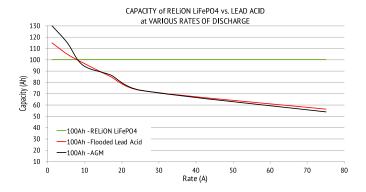






DISCHARGE VOLTAGE CHARACTERISTICS at VARIOUS TEMPERATURES







RBGT22DS08.02.2017

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**F**.

IEC

CE

**UN38,3** 

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