

RBGT-16

Golf Trolley Battery



LITHIUM IRON PHOSPHATE BATTERY

ELECTRICAL SPECIFICATIONS	
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	-4 to 113 °F (-20 to 45 °C)
Storage Temperature	-4 to 140 °F (-20 to 60 °C)
PCM High Temperature Cut-Off	149 °F (65 °C)

MECHANICAL SPECIFICATIONS	
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

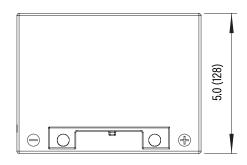
CHARGE SPECIFICATIONS	
Recommended Charge Current	≤5 A
Maximum Charge Current	5 A
Charge Current (0 to -10 °C)	≤0.1 C
Charge Current (-20 to -10 °C)	≤0.05 C
PCM Charge Current Cut-Off	150 A (±20 A)
Recommended Charge Voltage	14.4 V
PCM Charge Voltage Cut-Off	15.2 V
Reconnect Voltage	14.4 V
Balancing Voltage	14.4 V

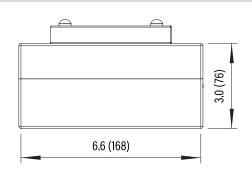
COMPLIANCE SPECIFICATIONS		
Certifications	CE (battery) UN38.3 (battery) UL1642 & IEC62133 (cells)	
Shipping Classification	UN 3480, CLASS 9	

1433 Dave Lyle Blvd

Rock Hill, SC 29730, US

DIMENSIONAL SPECIFICATIONS





© 2019 Relion Battery, LLC. All rights reserved. Relion Battery is not liable for damages that may result from any information provided in or omitted from this publication, under any circumstances. Relion Battery reserves the right to make adjustments to this publication at any time, without notice or obligation.



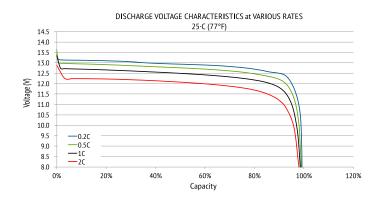


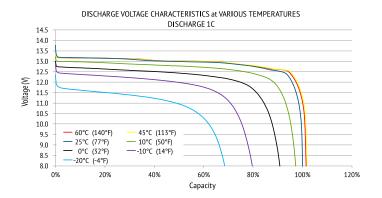
RBGT-16

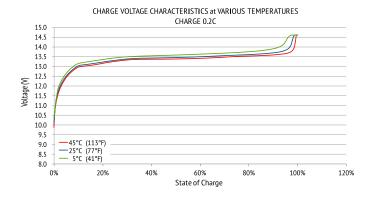
Golf Trolley Battery

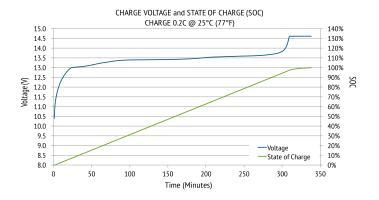


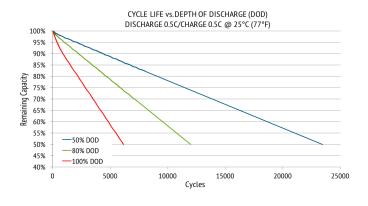
PERFORMANCE CHARACTERISTICS

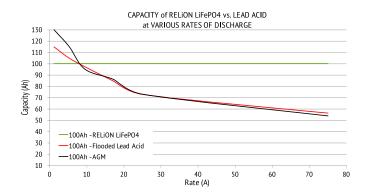












UN38.3







