

RBGT-19



Golf Trolley Battery

LITHIUM IRON PHOSPHATE BATTERY

ELECTRICAL SPECIFICATIONS	
Nominal Voltage	12.8 V
Nominal Capacity	19 Ah
Energy	243.2 Wh
Resistance	60 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

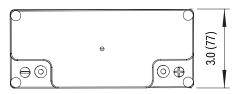
TEMPERATURE SPECIFICATIONS	
Discharge Temperature	-4 to 140 °F (-20 to 60 °C)
Charge Temperature	32 to 113 °F (0 to 45 °C)
Storage Temperature	-4 to 140 °F (-20 to 60 °C)
PCM High Temperature Cut-Off	149 °F (65 °C)

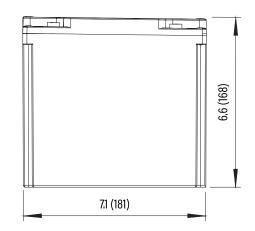
MECHANICAL SPECIFICATIONS	
Dimensions (L x W x H)	7.1 x 3.0 x 6.6" 181 x 77 x 168 mm
Weight	6.0 lbs (2.7 kg)
Terminal Type	Anderson Connector
Cell Type	Cylindrical
Chemistry	LiFeP0 ₄
CHARGE SPECIFICATIONS	
Recommended Charge Current	≤8 A
Maximum Charge Current	≤8 A
PCM Charge Current Cut-Off	150 A (±20 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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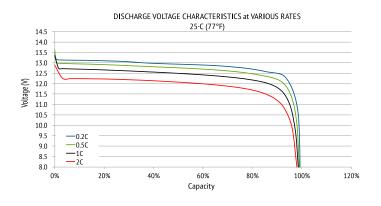
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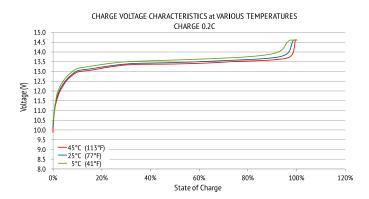


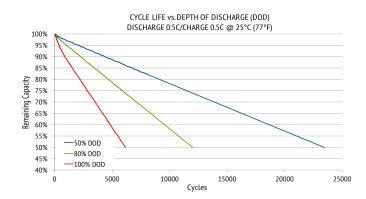
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PERFORMANCE CHARACTERISTICS





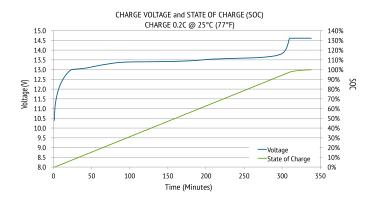


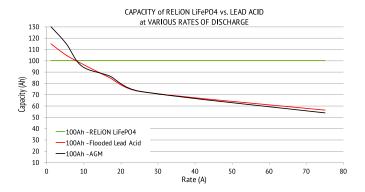
DISCHARGE VOLTAGE CHARACTERISTICS at VARIOUS TEMPERATURES DISCHARGE 1C 14.5 14.0 13.5 13.0 12.5 12.0 Voltage (V) 11.5 11.0 10.5 10.0 60°C (140°F) 45°C (113°F) 9.5 25°C (77°F) 10°C (50°F) 9.0 — 0°C (32°F) 8.5 -20°C (-4°F) 8.0 0% 20% 40% 100% 60% 80% 120%

Capacity

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1383 FL CE @ 2







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