



# 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

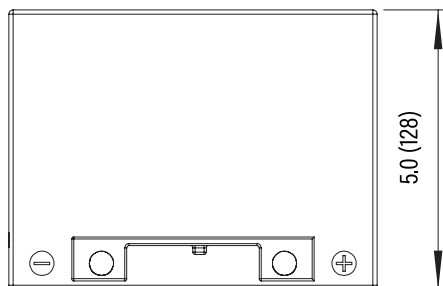
### DISCHARGE SPECIFICATIONS

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)

### DIMENSIONAL SPECIFICATIONS



### MECHANICAL SPECIFICATIONS

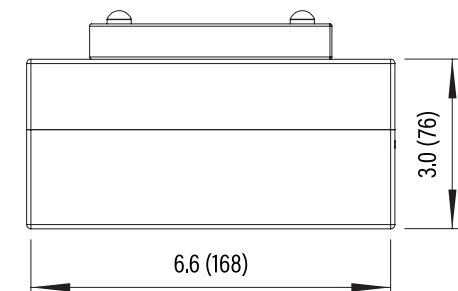
Dimensions (L x W x H)	6.6 x 5.0 x 3.0"
Weight	168 x 128 x 76 mm
Terminal Type	4.6 lbs (2.1 kg)
Cell Type	T-Bar Connector
Chemistry	Cylindrical
	LiFePO <sub>4</sub>

### 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

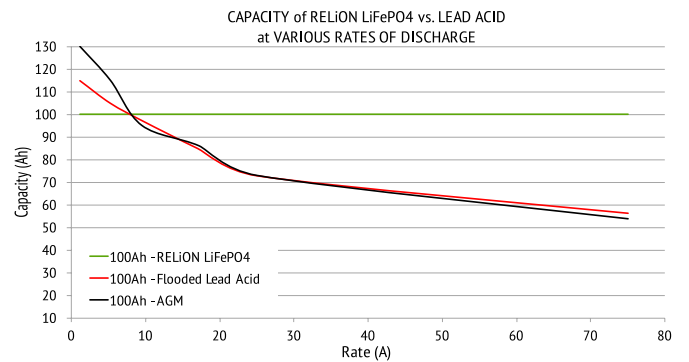
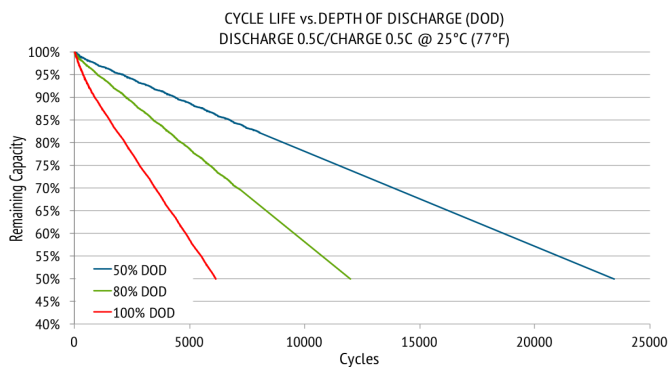
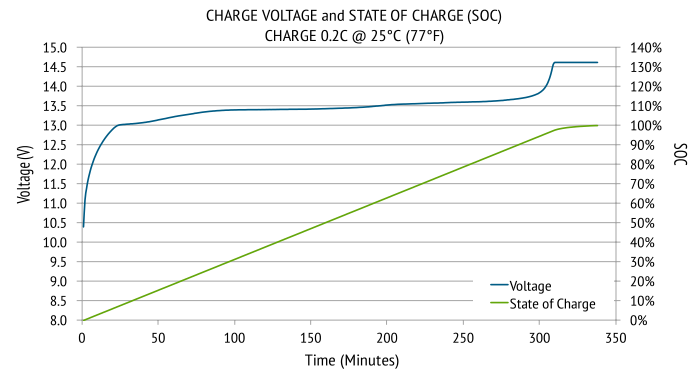
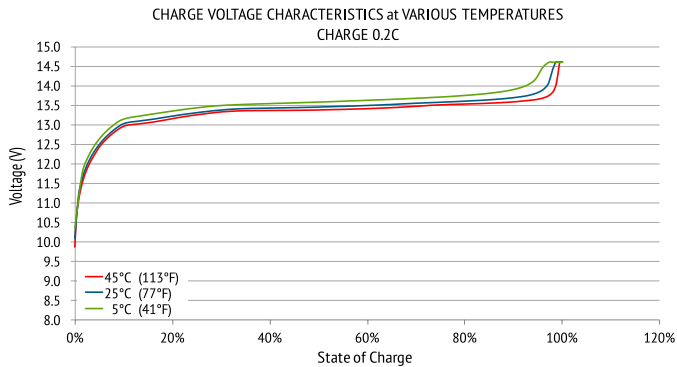
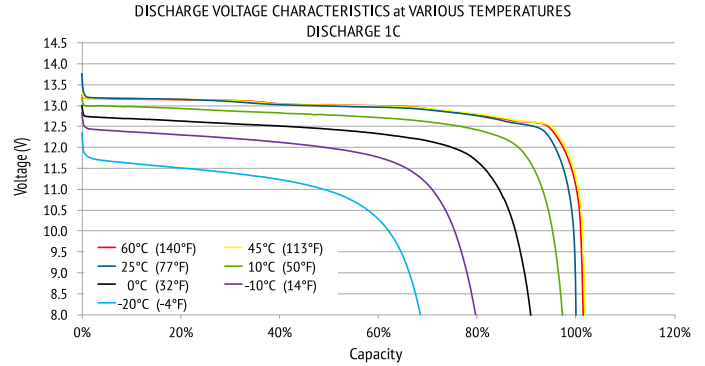
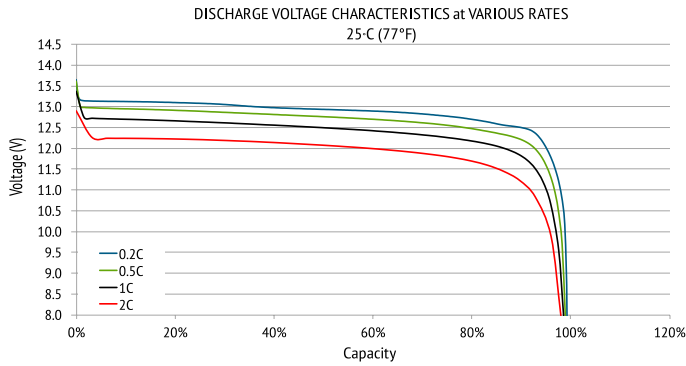




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### PERFORMANCE CHARACTERISTICS



UN38.3

CE



RBGT16DS06-05-2019

