



RBGT-19 (Full 6-Year warranty) 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 |

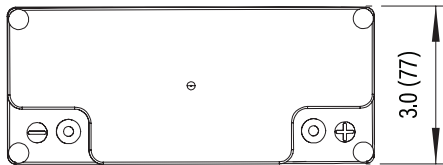
DISCHARGE SPECIFICATIONS

| | |
|--------------------------------------|---------------|
| 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) |

DIMENSIONAL SPECIFICATIONS



MECHANICAL SPECIFICATIONS

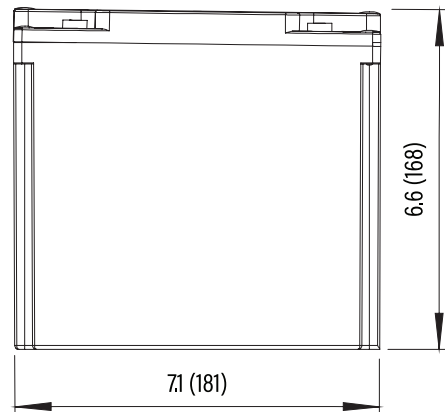
| | |
|------------------------|---------------------|
| Dimensions (L x W x H) | 7.1 x 3.0 x 6.6" |
| | 181 x 77 x 168 mm |
| Weight | 6.0 lbs (2.7 kg) |
| Terminal Type | Anderson Connector |
| Cell Type | Cylindrical |
| Chemistry | LiFePO ₄ |

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 |





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PERFORMANCE CHARACTERISTICS

