Exclusive IPF™ technology optimizes power capacity, cell consistency, and long-term reliability
- Epoxy-sealed inserted posts deliver reliable standby power under the most demanding applications
- Space saving Absorbed Glass Mat (AGM) construction (48 volt system fits in 23” racks)
- Reinforced case resists bulging and meets safety requirements (UL94 V0)
- Computer-aided design and manufacturing control processes and standards to ensure quality products
- All batteries meet or exceed IEEE 485 and Telcordia capacity requirements
- Battery design and construction meet UL recognition requirements

SPECIFICATIONS
Nominal Voltage: 12-Volt/82 ampere-hours
@ 8hr rate to 1.75 final volts/cell
Positive Plate: Pure lead, low-calcium, high-tin alloy
Negative Plate: Lead calcium alloy
Post Seal: Epoxy-sealed
Terminal: 1/4“ x 20 brass insert
Container: Flame-retardant, polypropylene - UL94 V0/>28% L.O.I.

Safety Vent: Low positive pressure, self-sealing w/ flame arrestor
Float Voltage: 2.25 volts per cell ± 0.01 vpc (13.50 volts per 6-cell unit)
Design Life: 10 years in float applications at 77°F/25°C
Dimensions: 12.01” (305 mm) L x 6.80” (173 mm) W x 8.24” (209 mm) H
Weight: 66 lbs. (29.9 kg)

DISCHARGE RATE IN AMPS *

<table>
<thead>
<tr>
<th>Volts Per Cell (V.P.C.)</th>
<th>1 HR.</th>
<th>3 HR.</th>
<th>5 HR.</th>
<th>8 HR.</th>
<th>10 HR.</th>
<th>12 HR.</th>
<th>20 HR.</th>
<th>24 HR.</th>
</tr>
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<tbody>
<tr>
<td>1.75</td>
<td>57.3</td>
<td>23.9</td>
<td>15.5</td>
<td>10.3</td>
<td>8.4</td>
<td>7.1</td>
<td>4.4</td>
<td>3.7</td>
</tr>
<tr>
<td>1.80</td>
<td>55.3</td>
<td>23.4</td>
<td>15.2</td>
<td>10.1</td>
<td>8.2</td>
<td>7.0</td>
<td>4.3</td>
<td>3.7</td>
</tr>
<tr>
<td>1.85</td>
<td>51.8</td>
<td>22.2</td>
<td>14.5</td>
<td>9.6</td>
<td>7.9</td>
<td>6.7</td>
<td>4.2</td>
<td>3.5</td>
</tr>
<tr>
<td>1.88</td>
<td>48.7</td>
<td>21.1</td>
<td>13.8</td>
<td>9.2</td>
<td>7.5</td>
<td>6.4</td>
<td>4.0</td>
<td>3.7</td>
</tr>
<tr>
<td>1.90</td>
<td>45.7</td>
<td>20.1</td>
<td>13.2</td>
<td>8.7</td>
<td>7.2</td>
<td>6.1</td>
<td>3.8</td>
<td>3.2</td>
</tr>
</tbody>
</table>

* @77°F (25°C) † Subject to change without notice.

“POWERED FOR PERFORMANCE”
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1/4-20 x 1/2 FEMALE THREAD

NOTES:
1. DIMENSIONS IN INCHES[mm]

OPTIONAL CONNECTOR (SHOWN AT LEFT)
PART # JMP0512

INSULATING COVER (OVER CONNECTOR)
PART # JCI0019-8