**12AVR200ET**

- Exclusive IPF® technology optimizes power capacity, cell consistency, and long-term reliability
- Advanced AGM technology for superior power
- Puncture resistant micro-porous glass mat separators extend life
- Front access design for easy installation and maintenance
- Reinforced case resists bulging and meets safety requirements (UL 94 V-0)
- Case & cover heat sealed and 100% tested to prevent leaks
- Epoxy sealed posts eliminate leaks
- Flame arresting, low-pressure, self-sealing valves are 100% factory tested
- Computer-aided design and manufacturing control processes and standards to ensure quality products
- All batteries meet or exceed IEEE recommended practices
- Battery design and construction meet UL recognition requirements
- Plate thickness optimized for long life
- Guaranteed 100% initial string capacity when tested in accordance with IEEE 1188
- Designed to meet GR4228 specifications
- 48 volt system fits in 23" relay rack tray

**SPECIFICATIONS**

Nominal Voltage: 12-Volts
Rating: 200 Ampere-Hours
@ 8 hr. rate to 1.75 V.P.C.
Positive Plate: >98% Pure lead with tin-calcium alloy
Negative Plate: Pure lead, calcium alloy
Post Seal: Epoxy-sealed
Terminal: Front access, 1/4" – 20 threaded insert
Case/Cover: Flame-retardant, THT™ – UL 94 V-0/>39% L.O.I.

Safety Vent: Low positive pressure, self-sealing w/ flame arrester
Float Voltage: 2.25 V.P.C. ± 0.01 V.P.C. @ 77°F (25°C)
Design life: 10 years in float applications @ 77°F (25°C)
Dimensions: Length - 24.30" (617.2 mm)
Width - 4.97" (126.3 mm)
Height - 12.74" (323.5 mm)
Weight: 150 lbs. (68 kg)

**DISCHARGE RATINGS IN AMPS @ 77°F (25°C)**

<table>
<thead>
<tr>
<th>Volts per Cell (V.P.C.)</th>
<th>1 HR.</th>
<th>2 HR.</th>
<th>3 HR.</th>
<th>4 HR.</th>
<th>5 HR.</th>
<th>8 HR.</th>
<th>12 HR.</th>
<th>20 HR.</th>
<th>24 HR.</th>
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<tbody>
<tr>
<td>1.75</td>
<td>152</td>
<td>86.3</td>
<td>60.3</td>
<td>46.7</td>
<td>38.3</td>
<td>25.0</td>
<td>17.2</td>
<td>10.6</td>
<td>8.9</td>
</tr>
<tr>
<td>1.80</td>
<td>143</td>
<td>83.2</td>
<td>58.3</td>
<td>45.3</td>
<td>37.2</td>
<td>24.4</td>
<td>16.8</td>
<td>10.4</td>
<td>8.7</td>
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<tr>
<td>1.85</td>
<td>130</td>
<td>77.0</td>
<td>54.7</td>
<td>42.7</td>
<td>35.2</td>
<td>23.2</td>
<td>16.1</td>
<td>9.9</td>
<td>8.4</td>
</tr>
<tr>
<td>1.88</td>
<td>119</td>
<td>71.6</td>
<td>51.3</td>
<td>40.3</td>
<td>33.3</td>
<td>22.1</td>
<td>15.3</td>
<td>9.5</td>
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<tr>
<td>1.90</td>
<td>110</td>
<td>67.3</td>
<td>48.6</td>
<td>38.3</td>
<td>31.7</td>
<td>21.1</td>
<td>14.6</td>
<td>9.1</td>
<td>7.6</td>
</tr>
</tbody>
</table>

†Subject to change without notice.
INSTALLATION AND OPERATING INSTRUCTIONS