12AVR75

- 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
- 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:** 70.6 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:** Top access, 1/4” – 20 threaded insert

**Case/Cover:** Flame-retardant, polypropylene – UL 94 V-0/>28% 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 - 10.20” (259.1 mm)
- Width - 6.56” (166.7 mm)
- Height - 8.24” (209.3 mm)

**Weight:** 54 lbs. (24 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>51.4</td>
<td>29.3</td>
<td>20.8</td>
<td>16.2</td>
<td>13.4</td>
<td>8.8</td>
<td>6.1</td>
<td>3.8</td>
<td>3.2</td>
</tr>
<tr>
<td>1.80</td>
<td>50.8</td>
<td>29.0</td>
<td>20.6</td>
<td>16.1</td>
<td>13.3</td>
<td>8.8</td>
<td>6.1</td>
<td>3.8</td>
<td>3.2</td>
</tr>
<tr>
<td>1.85</td>
<td>49.6</td>
<td>28.5</td>
<td>20.3</td>
<td>15.8</td>
<td>13.1</td>
<td>8.6</td>
<td>6.0</td>
<td>3.7</td>
<td>3.2</td>
</tr>
<tr>
<td>1.88</td>
<td>46.6</td>
<td>28.0</td>
<td>19.2</td>
<td>15.1</td>
<td>12.4</td>
<td>8.3</td>
<td>5.8</td>
<td>3.6</td>
<td>3.1</td>
</tr>
<tr>
<td>1.90</td>
<td>45.2</td>
<td>25.9</td>
<td>18.4</td>
<td>14.4</td>
<td>11.9</td>
<td>7.9</td>
<td>5.5</td>
<td>3.4</td>
<td>2.9</td>
</tr>
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†Subject to change without notice.
INSTALLATION AND OPERATING INSTRUCTIONS