MORE POWER – LESS SPACE

12AVR100ET

- **Exclusive IPF™ technology optimizes power capacity, cell consistency, and long-term reliability**
- Space saving Absorbed Glass Mat (AGM) construction (48 volt system fits in 19" racks)
- Reinforced case resists bulging and meets safety requirements (UL94 V-0)
- 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/96 ampere-hours @ 8 hr. 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: Inserted post, 1/4" x 20 brass insert

Container/Cover: Flame-retardant, polypropylene - UL 94 V-0/>28% L.O.I.

Safety Vent: Low positive pressure, self-sealing w/ flame arrestor

Float Voltage: 2.27 volts per cell ± 0.01 vpc

(Range: 13.56 to 13.68 volts per 6-cell unit)

Design Life: 10 years in float applications at 77°F/25°C

Dimensions: 20.12" (511mm) L x 4.33" (110mm) W x 9.44" (240mm) H

Weight: 75 lbs (34.0 kg)

### 12AVR100 RATINGS IN AMPS @ 77°F

<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>
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<tbody>
<tr>
<td>1.75</td>
<td>63.3</td>
<td>27.0</td>
<td>17.6</td>
<td>12.0</td>
<td>10.0</td>
<td>8.5</td>
<td>5.4</td>
<td>4.6</td>
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<tr>
<td>1.80</td>
<td>62.5</td>
<td>26.8</td>
<td>17.1</td>
<td>11.9</td>
<td>9.9</td>
<td>8.4</td>
<td>5.4</td>
<td>4.5</td>
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<tr>
<td>1.85</td>
<td>60.8</td>
<td>26.2</td>
<td>17.1</td>
<td>11.7</td>
<td>9.7</td>
<td>8.3</td>
<td>5.2</td>
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<tr>
<td>1.88</td>
<td>58.8</td>
<td>25.5</td>
<td>16.7</td>
<td>11.4</td>
<td>9.4</td>
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<td>1.90</td>
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<td>24.8</td>
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