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 (rated 28 L.O.I.)
- 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/125 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:** 1/4" x 20 brass insert

**Container:** Flame-retardant, polypropylene - UL 94 V-0/>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:** 13.46" (342 mm) L x 6.77" (172 mm) W x 11.21" (285 mm) H

**Weight:** 98 lbs. (44.5 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>
</thead>
<tbody>
<tr>
<td>1.75</td>
<td>89.5</td>
<td>36.1</td>
<td>23.6</td>
<td>15.6</td>
<td>12.7</td>
<td>10.8</td>
<td>6.7</td>
<td>5.6</td>
</tr>
<tr>
<td>1.80</td>
<td>86.6</td>
<td>35.4</td>
<td>23.1</td>
<td>15.3</td>
<td>12.5</td>
<td>10.6</td>
<td>6.6</td>
<td>5.5</td>
</tr>
<tr>
<td>1.85</td>
<td>77.6</td>
<td>33.3</td>
<td>22.0</td>
<td>14.7</td>
<td>12.0</td>
<td>10.2</td>
<td>6.3</td>
<td>5.3</td>
</tr>
<tr>
<td>1.88</td>
<td>71.4</td>
<td>31.5</td>
<td>20.9</td>
<td>14.0</td>
<td>11.5</td>
<td>9.7</td>
<td>6.1</td>
<td>5.1</td>
</tr>
<tr>
<td>1.90</td>
<td>66.1</td>
<td>30.1</td>
<td>20.1</td>
<td>13.4</td>
<td>11.0</td>
<td>9.3</td>
<td>5.8</td>
<td>4.9</td>
</tr>
</tbody>
</table>

* @77°F (25°C) † Subject to change without notice.
Dimensions shown in inches. Millimeters shown in parenthesis.

1/4 - 20 THREADED INSERT

1.473 [37]

13.46 [342]

12.75 [324]

11.21 [285]

11.08 [281]

6.77 [172]

6.52 [166]