HIGH RATE SERIES

U1HR1500

- **Exclusive IPF® Technology optimizes power capacity, cell consistency, and long-term reliability**
- Advanced AGM technology for superior high rate, short term power
- 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
- Puncture resistant micro-porous glass mat separators extend life
- Flame arresting, low pressure, self-sealing valves are 100% factory tested
- Computer-aided design, 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

**SPECIFICATIONS**

**Nominal Voltage:** 12-Volt/119 w.p.c. @ 15 min. rate to 1.67 v.p.c.

**Positive Plate:** Pure lead, low-calcium, high-tin alloy

**Negative Plate:** Lead calcium alloy

**Post Seal:** Epoxy-sealed

**Terminal:** Top access, 1/4" - 20 threaded insert

**Container:** 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. (Range: 13.44 to 13.56 volts per 6-cell battery)

**Design Life:** 5 years in float applications at 77°F (25°C)

**Dimensions:** 7.75" (197 mm) L x 5.21" (132 mm) W x 6.68" (170 mm) H

**Weight:** 27 lbs. (12 kg)

**DISCHARGE RATE IN WATTS PER CELL RATINGS @ 77°F (25°C)†**

<table>
<thead>
<tr>
<th>Volts Per Cell (VPC)</th>
<th>1 MIN.</th>
<th>5 MINS.</th>
<th>10 MINS.</th>
<th>15 MINS.</th>
<th>20 MINS.</th>
<th>30 MINS.</th>
<th>40 MINS.</th>
<th>50 MINS.</th>
<th>60 MINS.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.60</td>
<td>502</td>
<td>256</td>
<td>162</td>
<td>121</td>
<td>97.5</td>
<td>71.3</td>
<td>56.6</td>
<td>47.4</td>
<td>41.0</td>
</tr>
<tr>
<td>1.67</td>
<td>445</td>
<td>247</td>
<td>159</td>
<td>119</td>
<td>96.5</td>
<td>70.2</td>
<td>56.1</td>
<td>47.0</td>
<td>40.6</td>
</tr>
<tr>
<td>1.70</td>
<td>418</td>
<td>237</td>
<td>156</td>
<td>117</td>
<td>94.7</td>
<td>69.3</td>
<td>55.3</td>
<td>46.5</td>
<td>40.3</td>
</tr>
<tr>
<td>1.75</td>
<td>377</td>
<td>223</td>
<td>149</td>
<td>113</td>
<td>92.2</td>
<td>68.0</td>
<td>54.4</td>
<td>45.8</td>
<td>39.9</td>
</tr>
<tr>
<td>1.80</td>
<td>—</td>
<td>206</td>
<td>141</td>
<td>108</td>
<td>89.0</td>
<td>66.0</td>
<td>53.1</td>
<td>44.9</td>
<td>39.1</td>
</tr>
</tbody>
</table>

† Subject to change without notice.