31HR5000

- 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/475 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: 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. (45 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>
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<tr>
<td>1.60</td>
<td>1081</td>
<td>830</td>
<td>620</td>
<td>492</td>
<td>406</td>
<td>305</td>
<td>246</td>
<td>206</td>
<td>178</td>
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<tr>
<td>1.67</td>
<td>983</td>
<td>760</td>
<td>588</td>
<td>475</td>
<td>397</td>
<td>301</td>
<td>244</td>
<td>204</td>
<td>177</td>
</tr>
<tr>
<td>1.70</td>
<td>946</td>
<td>727</td>
<td>569</td>
<td>464</td>
<td>391</td>
<td>298</td>
<td>241</td>
<td>203</td>
<td>176</td>
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<td>1.75</td>
<td>836</td>
<td>663</td>
<td>530</td>
<td>440</td>
<td>375</td>
<td>290</td>
<td>236</td>
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<td>173</td>
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<tr>
<td>1.80</td>
<td>—</td>
<td>587</td>
<td>481</td>
<td>406</td>
<td>350</td>
<td>276</td>
<td>227</td>
<td>192</td>
<td>168</td>
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</tbody>
</table>

† Subject to change without notice.