HR7500ET

- Exclusive IPF® Technology optimizes power capacity, cell consistency, and long-term reliability
- THT™ plastic case specifically formulated to optimize compression
- Advanced AGM technology for superior high rate, short term power
- Front access design for easy installation and maintenance
- 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 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

SPECIFICATIONS

Nominal Voltage: 12-Volt
Rating: 750 Watts/Cell @ 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: Front access, 1/4” – 20 threaded insert
Case/Cover: Flame-retardant, THT™ – UL 94 V-0/>39% 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)
Range: (13.44V to 13.56V per battery)
Design life: 10 years in float applications @ 77°F (25°C)
Dimensions: Length - 23.40” (594.4 mm)
Width - 4.97” (126.3 mm)
Height - 12.74” (323.5 mm)
Weight: 150 lbs. (68.04 kg)

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

<table>
<thead>
<tr>
<th>Volts per Cell (V.P.C.)</th>
<th>5 MIN.</th>
<th>10 MIN.</th>
<th>15 MIN.</th>
<th>20MIN.</th>
<th>30 MIN.</th>
<th>40 MIN.</th>
<th>50 MIN.</th>
<th>60 MIN.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.60</td>
<td>1196</td>
<td>960</td>
<td>795</td>
<td>672</td>
<td>510</td>
<td>412</td>
<td>345</td>
<td>299</td>
</tr>
<tr>
<td>1.67</td>
<td>1098</td>
<td>892</td>
<td>750</td>
<td>644</td>
<td>499</td>
<td>406</td>
<td>341</td>
<td>296</td>
</tr>
<tr>
<td>1.70</td>
<td>1052</td>
<td>857</td>
<td>723</td>
<td>626</td>
<td>492</td>
<td>403</td>
<td>339</td>
<td>294</td>
</tr>
<tr>
<td>1.75</td>
<td>961</td>
<td>791</td>
<td>674</td>
<td>587</td>
<td>467</td>
<td>388</td>
<td>330</td>
<td>289</td>
</tr>
<tr>
<td>1.80</td>
<td>849</td>
<td>714</td>
<td>616</td>
<td>547</td>
<td>436</td>
<td>365</td>
<td>312</td>
<td>275</td>
</tr>
</tbody>
</table>

†Subject to change without notice.
OPTIONAL FACTORY ACCEPTANCE TESTING

- More economical than performing a load test on site
- Confirms published capacity rating of product
- Establishes a factory baseline ohmic reading
- Formal test report provided
- Contact your East Penn Mfg. representative for additional information

TESTING SPECIFICATIONS

- Exceeds IEEE-1188 standards
- 10 minute battery rate to 1.67 V.P.C.
- Constant power discharge
- String > 100% capacity — All individual batteries ≥ 95% capacity
- Conductance readings taken before the test
- Battery voltage recorded on report every 2 minutes

INSTALLATION AND OPERATING INSTRUCTIONS