**Exclusive IPF® technology optimizes power capacity, cell consistency, and long-term reliability**

- Advanced AGM technology for superior high-rate power
- Puncture resistant micro-porous glass mat separators extend life
- 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
- 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-Volts
- **Rating:** 700 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, polypropylene – UL 94 V-0/>28% L.O.I.
- **Safety Vent:** Low positive pressure, self-sealing w/ flame arrestor
- **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 - 19.67” (499.7 mm)
  - Width - 8.43” (214.1 mm)
  - Height - 9.35” (237.4 mm)
- **Weight:** 144 lbs. (65.5 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>1235</td>
<td>908</td>
<td>721</td>
<td>600</td>
<td>451</td>
<td>362</td>
<td>302</td>
<td>260</td>
</tr>
<tr>
<td>1.67</td>
<td>1139</td>
<td>866</td>
<td>700</td>
<td>588</td>
<td>445</td>
<td>358</td>
<td>300</td>
<td>258</td>
</tr>
<tr>
<td>1.70</td>
<td>1092</td>
<td>840</td>
<td>684</td>
<td>577</td>
<td>440</td>
<td>355</td>
<td>298</td>
<td>257</td>
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<tr>
<td>1.75</td>
<td>1004</td>
<td>789</td>
<td>651</td>
<td>554</td>
<td>427</td>
<td>348</td>
<td>293</td>
<td>254</td>
</tr>
<tr>
<td>1.80</td>
<td>895</td>
<td>722</td>
<td>605</td>
<td>521</td>
<td>407</td>
<td>334</td>
<td>284</td>
<td>246</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