SOME LIKE IT HOT

HT7500ET

- Helios™ Additive reduces float current up to 75% enhancing high temperature life
- THT™ Plastic specifically formulated heat resistant plastic case and cover optimizes compression
- Microcat® Catalyst lowers float current, mitigates thermal buildup and cell dryout
- Exclusive IPF® Technology optimizes power capacity, cell consistency, and long-term reliability
- TempX™ Alloy inhibits corrosion under the highest temperature extremes
- 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: 750 Watts/Cell @ 15 min. rate to 1.67 V.P.C.
Positive Plate: >98% Pure lead with tin-calcium alloy
Negative Plate: Pure 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.
Catalyst: Microcat®

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)
Warranted life: 5 years in float applications @ 95°F (35°C)
Dimensions: Length - 24.00” (609.6 mm)
Width - 4.97” (126.3 mm)
Height - 12.74” (323.5 mm)
Weight: 151 lbs. (68.5 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>
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<tbody>
<tr>
<td>1.60</td>
<td>1181</td>
<td>958</td>
<td>794</td>
<td>668</td>
<td>499</td>
<td>398</td>
<td>333</td>
<td>287</td>
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<tr>
<td>1.67</td>
<td>1086</td>
<td>891</td>
<td>750</td>
<td>641</td>
<td>488</td>
<td>393</td>
<td>330</td>
<td>285</td>
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<tr>
<td>1.70</td>
<td>1038</td>
<td>857</td>
<td>724</td>
<td>622</td>
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<td>377</td>
<td>320</td>
<td>278</td>
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<tr>
<td>1.80</td>
<td>839</td>
<td>704</td>
<td>604</td>
<td>528</td>
<td>423</td>
<td>353</td>
<td>304</td>
<td>267</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