



# Fahrenheit®

## 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)

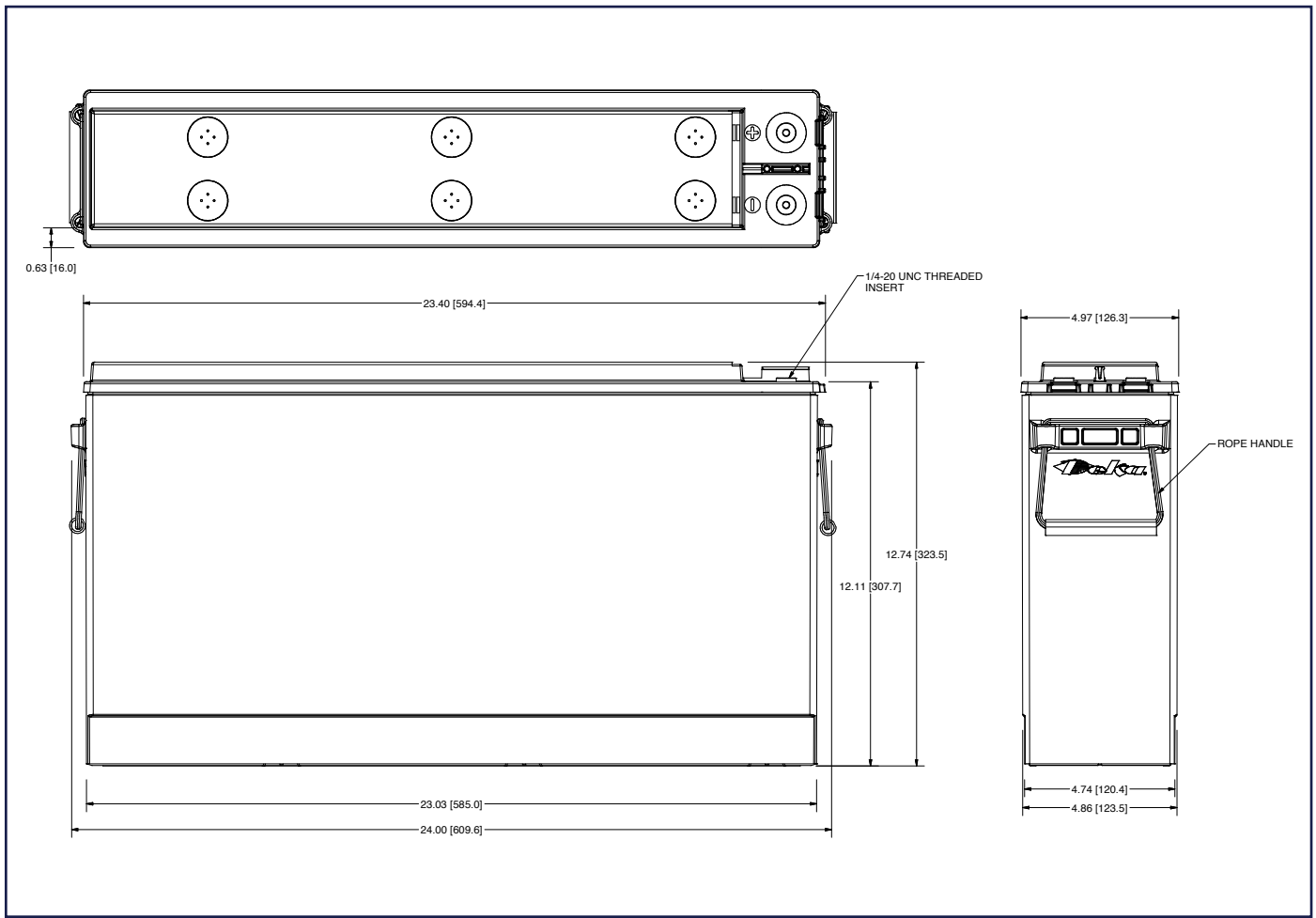
**Dimensions:** Length - 24.00" (609.6 mm)  
Width - 4.97" (126.3 mm)  
Height - 12.74" (323.5 mm)

**Weight:** 151 lbs. (68.5 kg)

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

Volts per Cell (V.P.C.)	5 MIN.	10 MIN.	15 MIN.	20MIN.	30 MIN.	40 MIN.	50 MIN.	60 MIN.
1.60	1181	958	794	668	499	398	333	287
1.67	1086	891	750	641	488	393	330	285
1.70	1038	857	724	622	480	389	328	283
1.75	951	787	669	580	457	377	320	278
1.80	839	704	604	528	423	353	304	267

†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

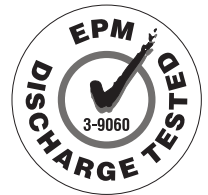
### TESTING SPECIFICATIONS

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

### INSTALLATION AND OPERATING INSTRUCTIONS

<http://www.eastpenmanufacturing.com/wp-content/uploads/Fahrenheit-10-Manual-2100.pdf>

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the State of California to cause cancer and reproductive harm. Batteries also contain other chemicals known to the State of California to cause cancer. **WASH HANDS AFTER HANDLING.**



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QUALITY SYSTEM  
CERTIFIED  
**ISO 9001**  
**IATF 16949**  
ENVIRONMENTAL  
SYSTEM CERTIFIED  
**ISO 14001**



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