

MORE POWER - LESS SPACE®



HIGH RATE SERIES

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

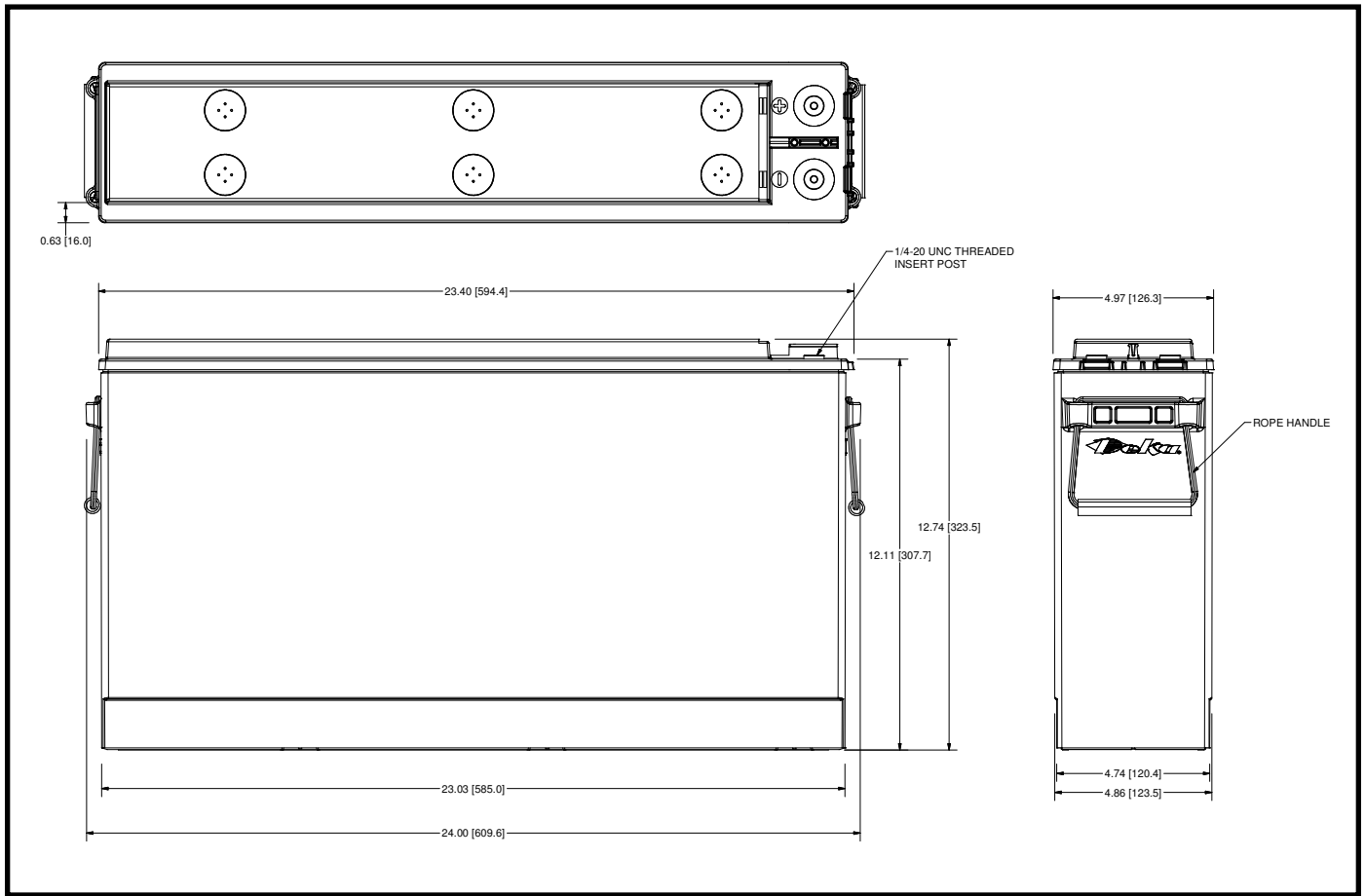
Nominal Voltage: 12-Volt
Rating: 750 Watts/Cell @ 15 min. rate to 1.67 V.P.C.
Positive Plate: Pure lead, low-calcium, high-tin alloy
Negative Plate: Lead calcium alloy
Post Seal: Epoxy-sealed
Terminal: Front access, 1/4" – 20 threaded insert
Case/Cover: Flame-retardant, THT™ – UL 94 V-0/>39% L.O.I.

Safety Vent: Low positive pressure, self-sealing w/ flame 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 - 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)†

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

†Subject to change without notice.

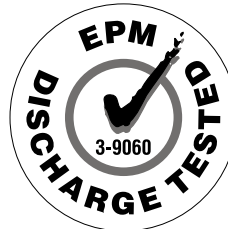


OPTIONAL FACTORY ACCEPTANCE TESTING

- 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

- <http://www.eastpennmanufacturing.com/wp-content/uploads/High-Rate-IO-Manual-0970.pdf>



www.dekabatteries.com

QUALITY SYSTEM
CERTIFIED
ISO 9001
ISO/TS 16949
ENVIRONMENTAL
SYSTEM CERTIFIED
ISO 14001



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