

**MORE POWER - LESS SPACE®**



**HIGH RATE SERIES**

**HR7000ET**

- 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
- Plate thickness optimized for long life
- Guaranteed 100% initial string capacity when tested in accordance with IEEE 1188



**SPECIFICATIONS**

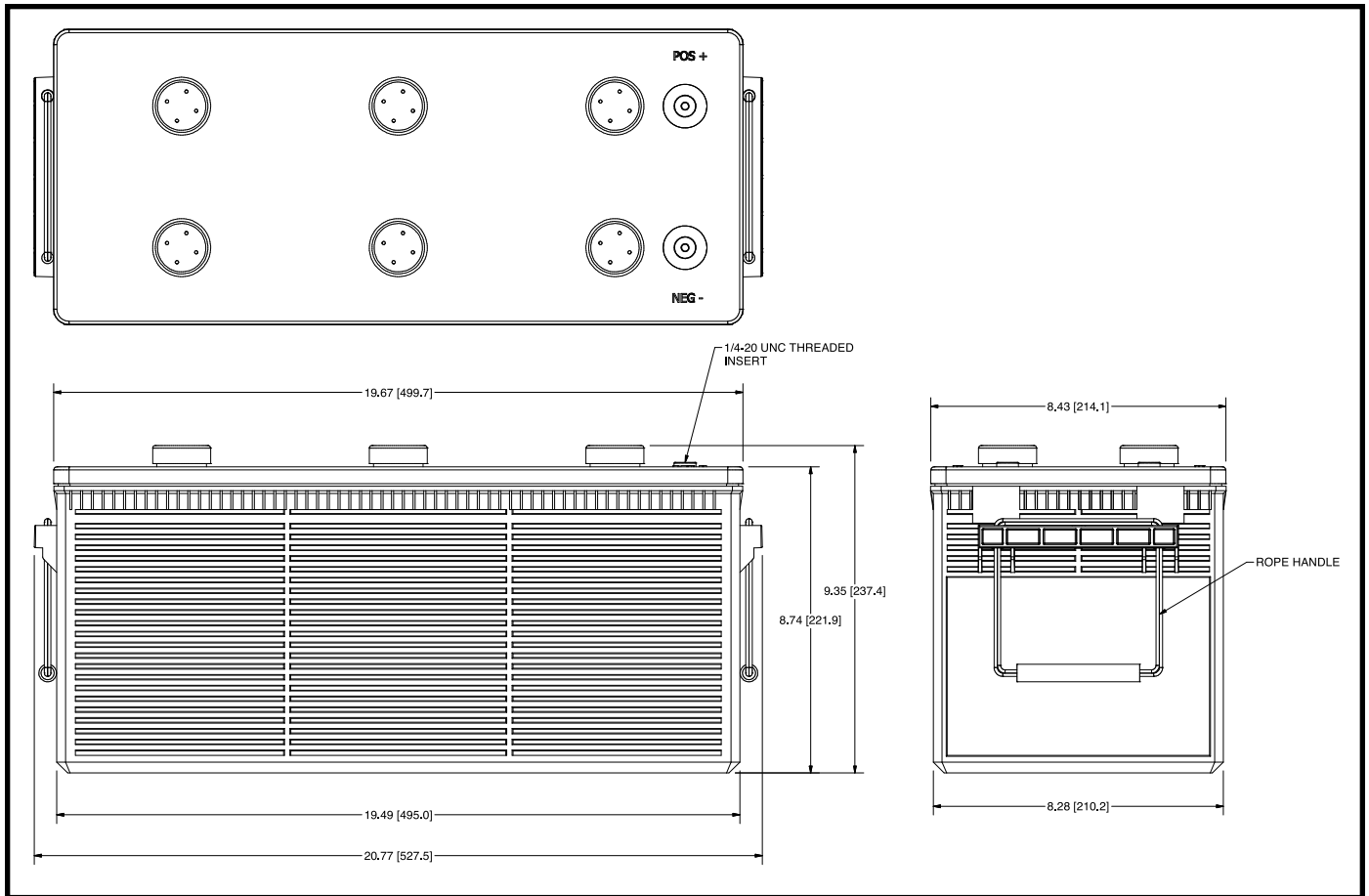
**Nominal Voltage:** 12-Volts  
**Rating:** 700 Watts/Cell @ 15 min. rate to 1.67 V.P.C.  
**Positive Plate:** >98% Pure lead with tin-calcium alloy  
**Negative Plate:** Pure lead, calcium alloy  
**Post Seal:** Epoxy-sealed  
**Terminal:** Front access, 1/4" – 20 threaded insert  
**Case/Cover:** Flame-retardant, 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)  
**Design life:** 10 years in float applications @ 77°F (25°C)  
**Dimensions:** Length - 20.77" (527.5 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)†**

Volts per Cell (V.P.C.)	1 MIN.	5 MIN.	10 MIN.	15 MIN.	20 MIN.	30 MIN.	40 MIN.	50 MIN.	60 MIN.
1.60	1726	1235	908	721	600	451	362	302	260
1.63	1659	1196	892	714	596	449	361	301	259
1.65	1598	1167	879	707	592	447	359	301	258
1.67	1536	1139	866	700	588	445	358	300	258
1.70	N/A	1092	840	684	577	440	355	298	257
1.75	N/A	1004	789	651	554	427	348	293	254

†Subject to change without notice.

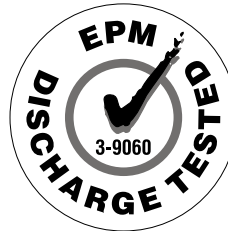


### OPTIONAL FACTORY ACCEPTANCE TESTING

- 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.eastpennmanufacturing.com/wp-content/uploads/High-Rate-IO-Manual-0970.pdf>



[www.dekabatteries.com](http://www.dekabatteries.com)



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