

**MORE POWER – LESS SPACE™**



**HIGH RATE SERIES**

**HR3000**

- **Exclusive IPF® Technology optimizes power capacity, cell consistency, and long-term reliability**
- Advanced AGM technology for superior high rate, short term power
- Reinforced case resists bulging and meets safety requirements
- 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, 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



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



**SPECIFICATIONS**

**Nominal Voltage:** 12-Volt/310 w.p.c.  
 @ 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:** Top access,  
 1/4" - 20 threaded insert

**Container:** 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. (Range: 13.44  
 to 13.56 volts per 6-cell battery)

**Design Life:** 10 years in float applications  
 at 77°F (25°C)

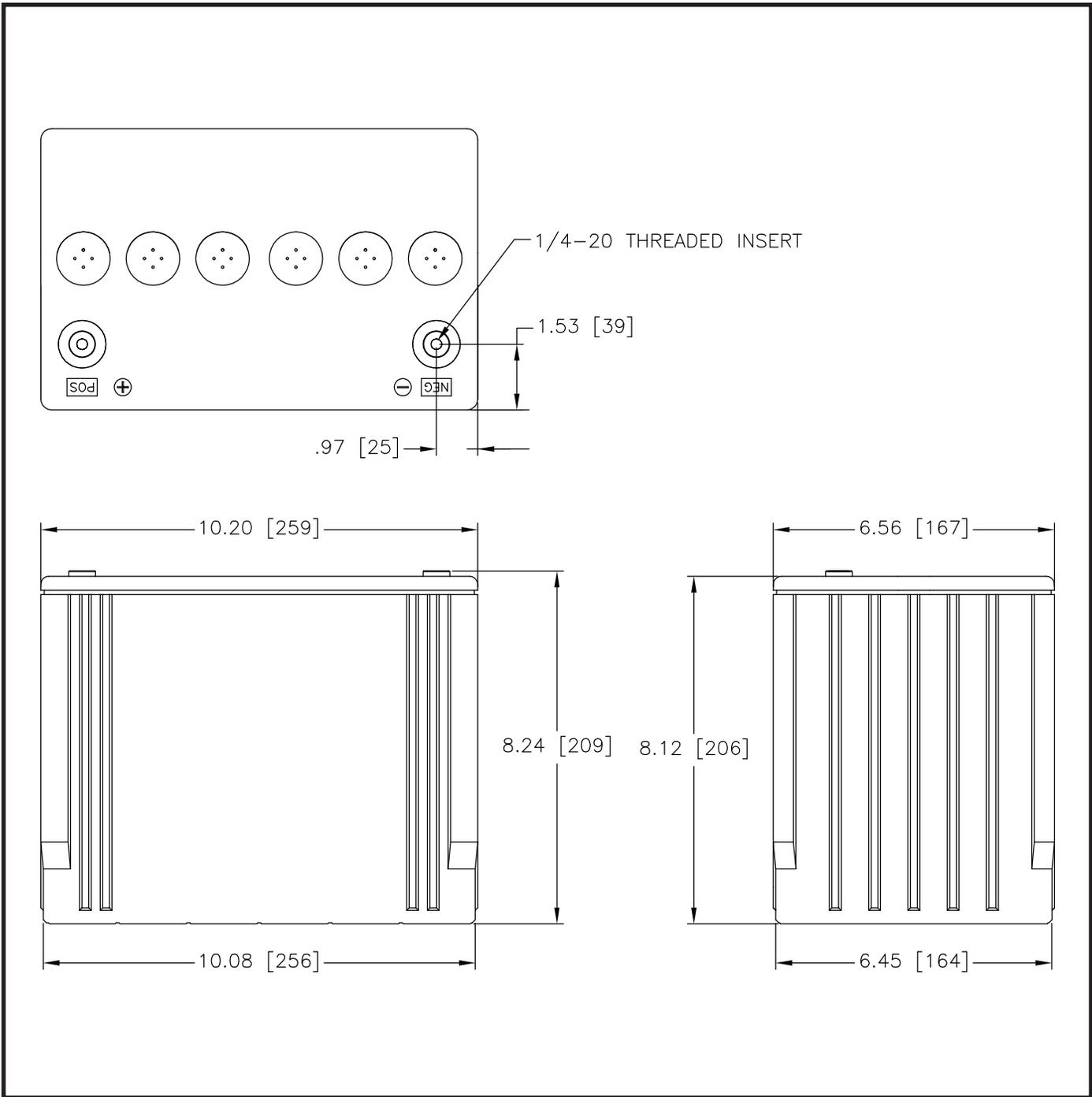
**Dimensions:** 10.20" (259 mm) L  
 x 6.56" (166 mm) W  
 x 8.24" (209 mm) H

**Weight:** 61 lbs. (27.7 kg)

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

Volts Per Cell (VPC)	1 MIN.	5 MINS.	10 MINS.	15 MINS.	20 MINS.	30 MINS.	40 MINS.	50 MINS.	60 MINS.
1.60	1080	610	413	316	259	190	151	124	107
1.67	972	576	400	310	254	188	149	123	106
1.70	924	559	393	305	250	185	148	122	105
1.75	830	519	373	293	243	182	145	120	104
1.80	—	466	343	277	235	176	140	116	101

† Subject to change without notice.



## ***EAST PENN manufacturing co., inc.***

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