

PROTECTED BY



**LIGHT-YEARS
BEYOND PURE LEAD**



HRC800

- **Armor Alloy: Power protected lead battery technology**
- **Exclusive Compu-Press® grid technology optimizes energy transfer to maximize high-rate power**
- Advanced AGM technology for superior high-rate power
- Puncture resistant micro-porous glass mat separators extend life
- Reinforced case resists bulging and meets safety requirements (UL94 V0)
- 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
- All batteries meet or exceed IEEE recommended practices
- Battery design and construction meet UL recognition requirements
- Guaranteed 100% initial string capacity when tested in accordance with IEEE 1188
- UL 1973 Certification for Energy Storage applications

SPECIFICATIONS

Nominal Voltage: 12-Volts

Rating: 780 Watts/Cell @ 5 min. rate to 1.67 V.P.C.

**Positive/
Negative Plates:** Armor Alloy

Post Seal: Epoxy-sealed

Terminal: Top access, 1/4" – 20 threaded insert

Case/Cover: Flame retardant, polypropylene – UL94 V0 rated per UL1778 requirements

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

Float Voltage: 13.50V per battery ± 0.5% @ 77°F (25°C)

Range: 13.42V to 13.57V per battery

Design life: 10 years in float applications @ 77°F (25°C)

Dimensions: Length - 12.93" (328.4mm)
Width - 6.84" (173.7 mm)
Height - 9.34" (237.2mm)

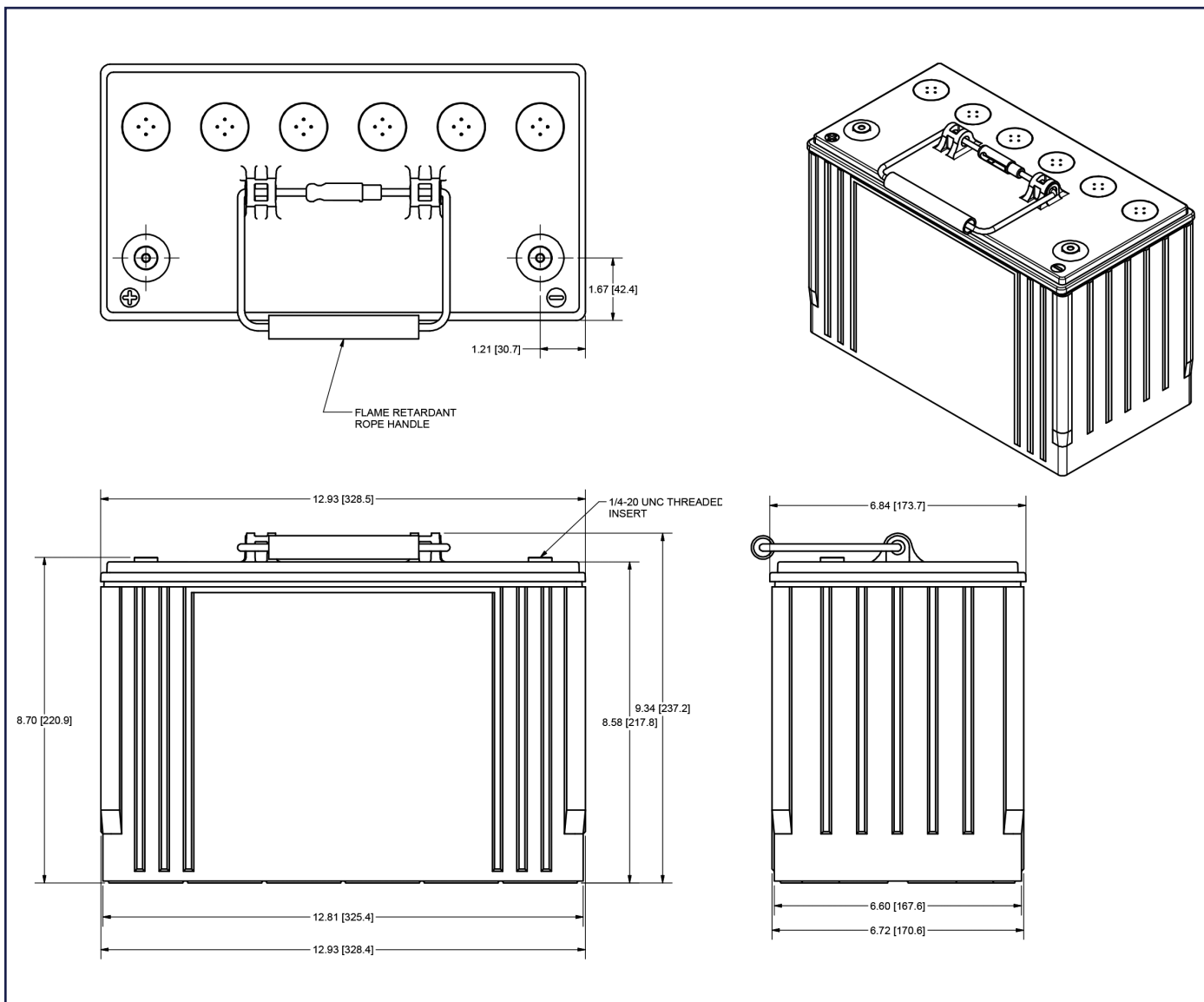
Weight: 71 lbs. (32.5 kg)



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

Volts per Cell (V.P.C.)	5 MIN.	10 MIN.	15 MIN.	20 MIN.	30 MIN.	40 MIN.	50 MIN.	60 MIN.
1.60	840	554	428	350	257	204	168	145
1.63	818	550	426	348	256	203	168	144
1.65	799	546	423	346	255	203	167	144
1.67	780	541	420	344	254	202	167	143
1.70	747	532	417	342	252	201	166	143
1.75	682	506	404	335	249	198	163	140

†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

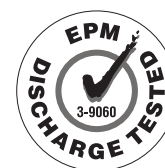
TESTING SPECIFICATIONS

- 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

www.eastpennmanufacturing.com/wp-content/uploads/HRC-IO-Manual-2531.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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