

PROTECTED BY



**LIGHT-YEARS
BEYOND PURE LEAD**



HRC600C

- **Armor Alloy: Power protected lead battery technology**
- **Exclusive Compu-Press® grid technology optimizes energy transfer to maximize high-rate power**
- Microcat® Catalyst lowers float current, mitigates thermal buildup and cell dryout
- Puncture resistant micro-porous glass mat separators extend life
- Reinforced case resists bulging and meets safety requirements (UL 94 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

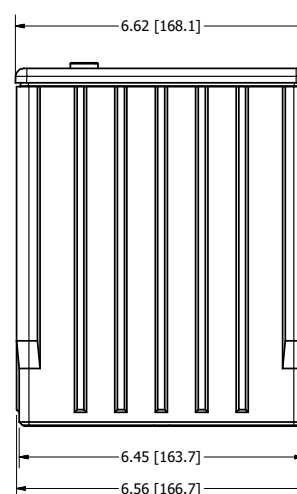
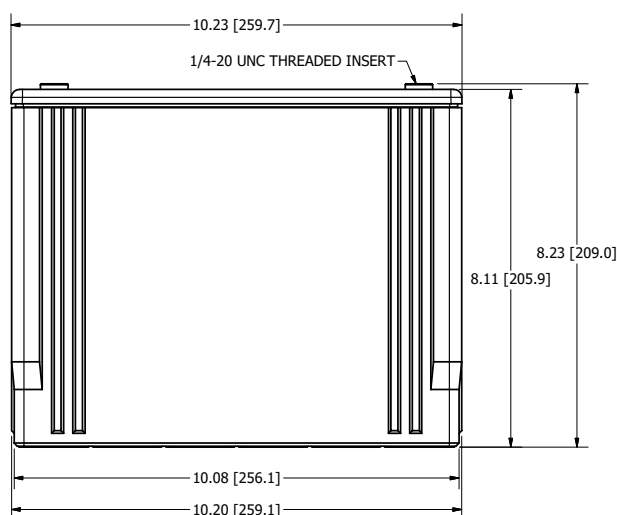
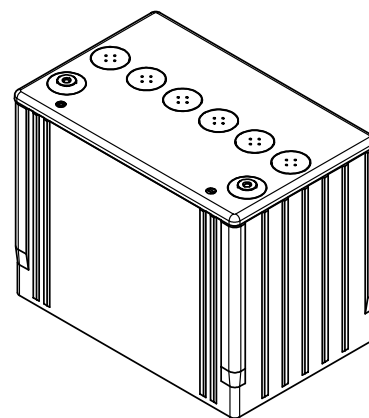
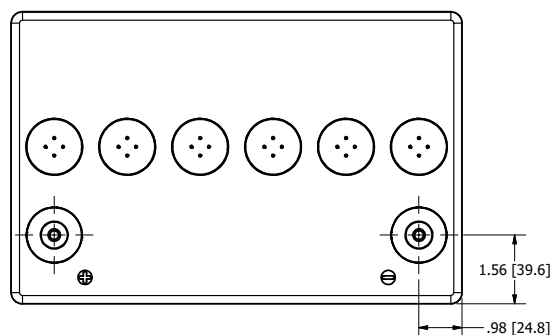
Nominal Voltage:	12-Volts
Rating:	586 Watts/Cell @ 5 min. rate to 1.67 V.P.C.
Positive/ Negative Plates:	Armor Alloy
Post Seal:	Epoxy-sealed
Terminal:	Top access, 1/4" – 20 threaded insert
Case/Cover:	Flame retardant, polypropylene – UL94 V0 rated per UL1778 requirements
Safety Vent:	Low positive pressure, 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 - 10.23" (259.7 mm) Width - 6.62" (168.1 mm) Height - 8.23" (209.0 mm)
Weight:	53 lbs. (24 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	977	626	435	334	271	197	155	127	108
1.63	937	610	428	330	269	196	154	127	108
1.65	909	598	422	327	266	195	154	127	108
1.67	881	586	416	323	264	194	153	126	108
1.70	833	567	407	318	261	192	152	126	107
1.75	732	521	384	305	252	188	150	124	106

†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

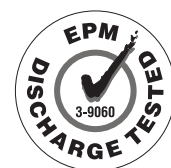
TESTING SPECIFICATIONS

- 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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E.P.M. Form No. 2891 09/26

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