

MORE POWER - LESS SPACE™



HIGH RATE SERIES

4DHR6500

- **Exclusive IPF™ technology optimizes power capacity, cell consistency, and long-term reliability**
- Advanced AGM technology for superior high-rate power
- Front Access design for easy installation and maintenance
- Reinforced case resists bulging and meets safety requirements
- Case & cover heat sealed and 100% tested to prevent leaks
- Puncture resistance micro-porous glass mat separators extend life
- Low pressure, seal-sealing valves are 100% factory tested. Flame arrestor installed on flame-retardant battery
- Computer-aided design and manufacturing control processes and standards to ensure quality products
- All batteries meet or exceed IEEE 485, 1187, and 1188 requirements at shipment
- 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/624 Watts per Cell @ 15 min. rate to 1.67 vpc

Positive Plate: Pure lead, low-calcium, high-tin alloy

Negative Plate: Lead calcium alloy

Terminal: Front access, 1/4 – 20 brass insert

Container: Flame-Retardant, polypropylene – UL94 V0/ >28% L.O.I. Standard polypropylene – option

Safety Vent: Flame-Retardant Battery – Low positive pressure, self-sealing w/ flame arrestor
 Standard Battery – Low positive pressure, self-sealing

Float Voltage: 2.25 vpc ± 0.01 vpc @ 77°F (25°C)

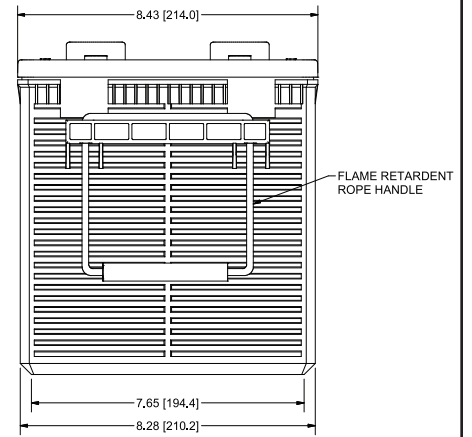
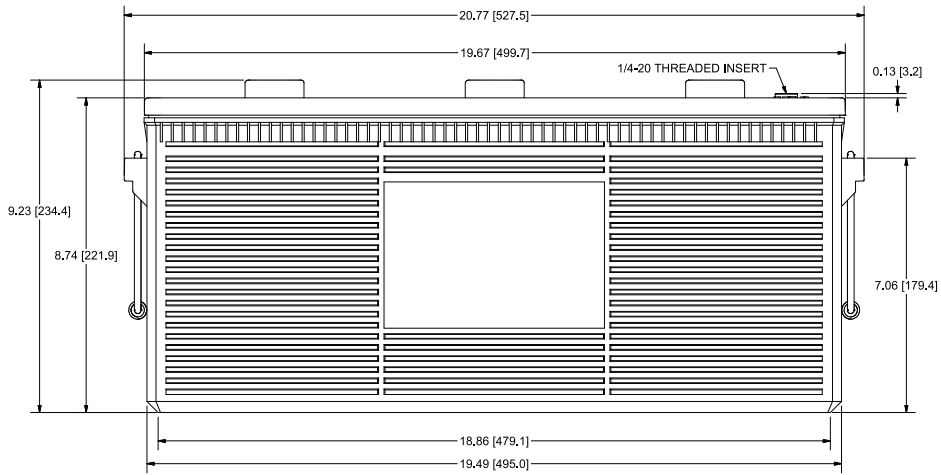
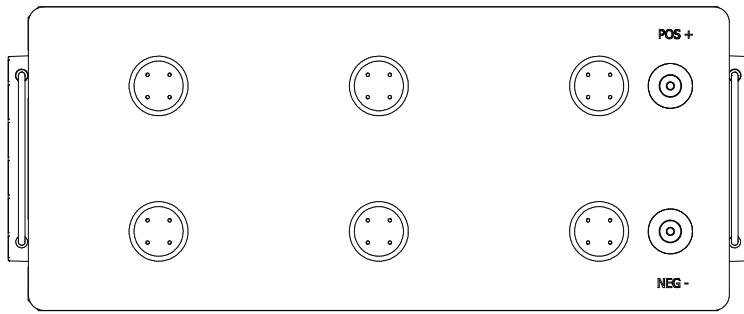
Battery Life: 5 years design life @ 77°F (25°C)

Dimensions: Length - 20.77" (527 mm)
 Width - 8.43" (214 mm)
 Height - 9.23" (234 mm)

Weight: 129.0 lbs. (58.5 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.
1.80	1109	863	677	552	468	372	372	252	220
1.75	1199	924	757	589	501	383	383	255	223
1.70	1279	984	778	609	512	392	392	258	224
1.67	1415	1042	807	624	513	395	395	261	226
1.60	1595	1335	824	646	522	397	397	262	229



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