



HIGH RATE SERIES

4DHR6500

- Advanced AGM technology for superior high-rate power
- Front Access design for easy installation and maintenance
- Exclusive tank formed plates optimize cell voltage balance and performance
- Reinforced case resists bulging and meets safety requirements (UL 94 V0)
- 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 TO
ISO 9001
ISO/TS 16949
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 – UL 94 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 - 21.73" (552 mm)
Width - 8.44" (201 mm)
Height - 9.34" (237 mm)

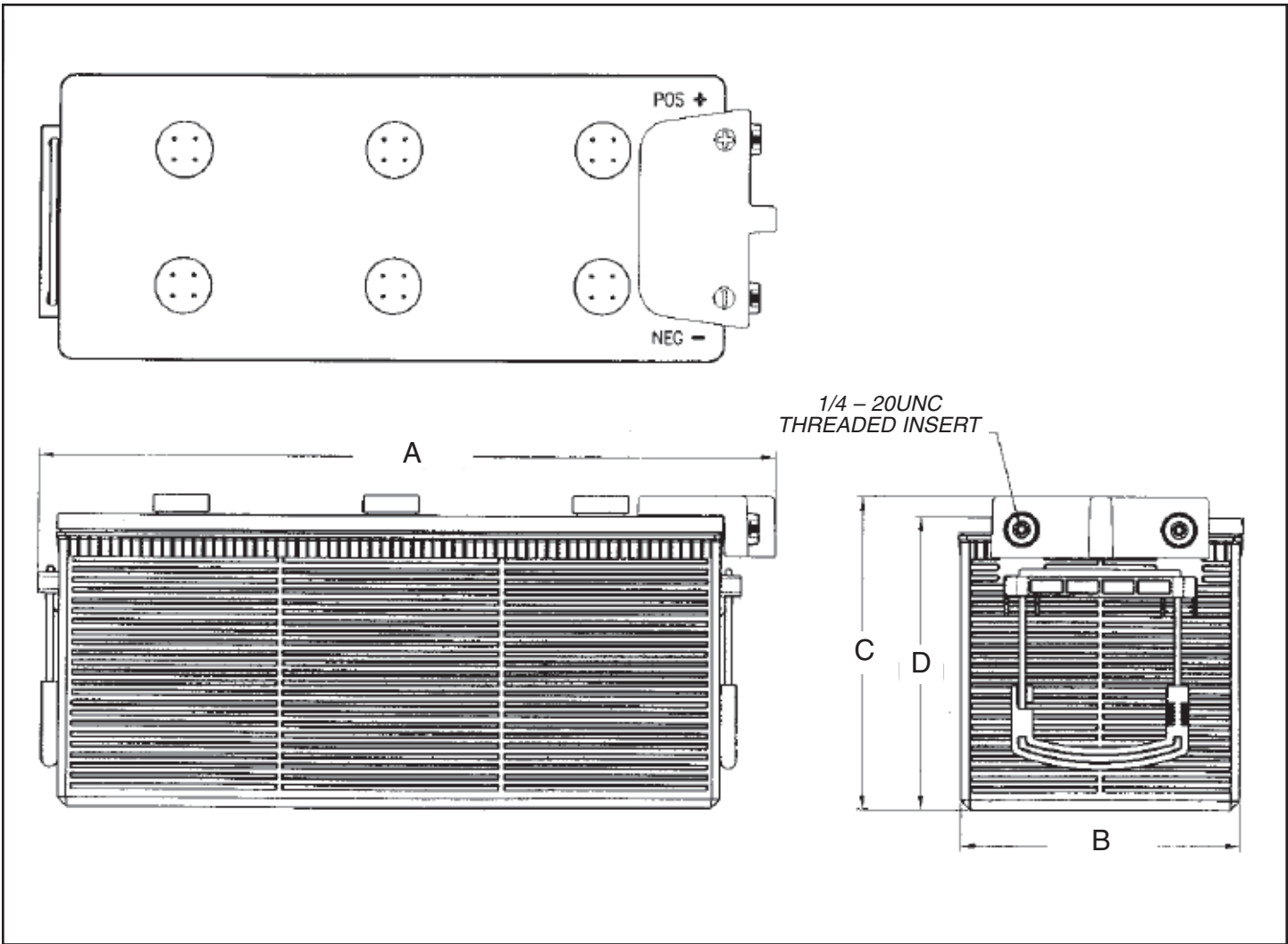
Weight: 129.0 lbs. (58.5 kg)

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 |

DISCHARGE RATINGS IN AMPS @ 77°F (25°C)

| Volts Per Cell (V.P.C.) | 1 MIN. | 5 MIN. | 15 MIN. | 30 MIN. | 60 MIN. | 90 MIN. | 2 HR. | 3 HR. | 4 HR. | 8 HR. | 10 HR. | 20 HR. | 24 HR. | 100 HR. |
|-------------------------|--------|--------|---------|---------|---------|---------|-------|-------|-------|-------|--------|--------|--------|---------|
| 1.80 | — | — | 291 | 192 | 114 | 84 | 67.2 | 49.4 | 38.7 | 21.4 | 17.6 | 9.7 | 8.2 | 2.1 |
| 1.75 | — | — | 318 | 200 | 115 | 85 | 68.1 | 50.1 | 39.4 | 22.0 | 17.8 | 9.9 | 8.4 | 2.2 |



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