MORE POWER - LESS SPACE®

HR5500ET

- Exclusive IPF® Technology optimizes power capacity, cell consistency, and long-term reliability
- Advanced AGM technology for superior high-rate power
- Puncture resistant micro-porous glass mat separators extend life
- Front access design for easy installation and maintenance
- Reinforced case resists bulging and meets safety requirements (UL 94 V-0)
- 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
- Computer-aided design and 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
- Plate thickness optimized for long life
- Guaranteed 100% initial string capacity when tested in accordance with IEEE 1188



SPECIFICATIONS

Nominal Voltage: 12-Volts

Rating: 550 Watts/Cell @ 15 min. rate

to 1.67 V.P.C.

Positive Plate: > 98% Pure lead with tin-calcium alloy

Negative Plate: Pure lead, calcium alloy

Post Seal: Epoxy-sealed

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

Case/Cover: 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. @ 77°F (25°C)

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

Dimensions: Length - 21.84" (554.7 mm)

Width - 4.97" (126.3 mm)

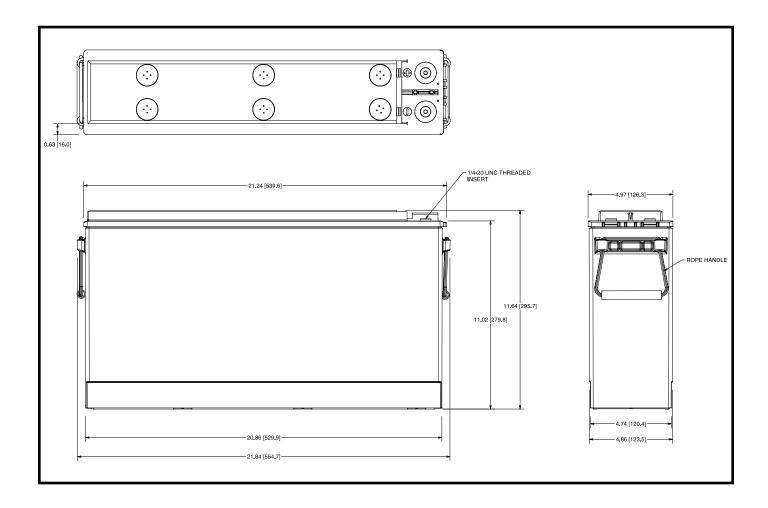
Height - 11.64" (295.7 mm)

Weight: 115 lbs. (52 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. | 20MIN. | 30 MIN. | 40 MIN. | 50 MIN. | 60 MIN. |
|----------------------------|--------|--------|---------|---------|--------|---------|---------|---------|---------|
| 1.60 | N/A | 946 | 712 | 576 | 471 | 369 | 297 | 250 | 218 |
| 1.63 | N/A | 913 | 695 | 567 | 464 | 367 | 295 | 250 | 218 |
| 1.65 | N/A | 888 | 682 | 558 | 459 | 363 | 293 | 248 | 217 |
| 1.67 | N/A | 864 | 670 | 550 | 453 | 360 | 291 | 247 | 216 |
| 1.70 | N/A | 828 | 647 | 535 | 443 | 356 | 288 | 245 | 215 |
| 1.75 | N/A | 749 | 602 | 506 | 420 | 344 | 280 | 239 | 210 |

†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 ≥ 100% capacity All individual batteries ≥ 95% capacity
- · Conductance readings taken before the test
- · Battery voltage recorded on report every 2 minutes



INSTALLATION AND OPERATING INSTRUCTIONS

• http://www.eastpennmanufacturing.com/wp-content/uploads/High-Rate-IO-Manual-0970.pdf



www.dekabatteries.com





