

MORE POWER - LESS SPACE®



unigy I

12AVR75

- Exclusive IPF® technology optimizes power capacity, cell consistency, and long-term reliability
- Advanced AGM technology for superior power
- Puncture resistant micro-porous glass mat separators extend life
- 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
- Designed to meet GR4228 specifications
- 48 volt system fits in 23" relay rack tray



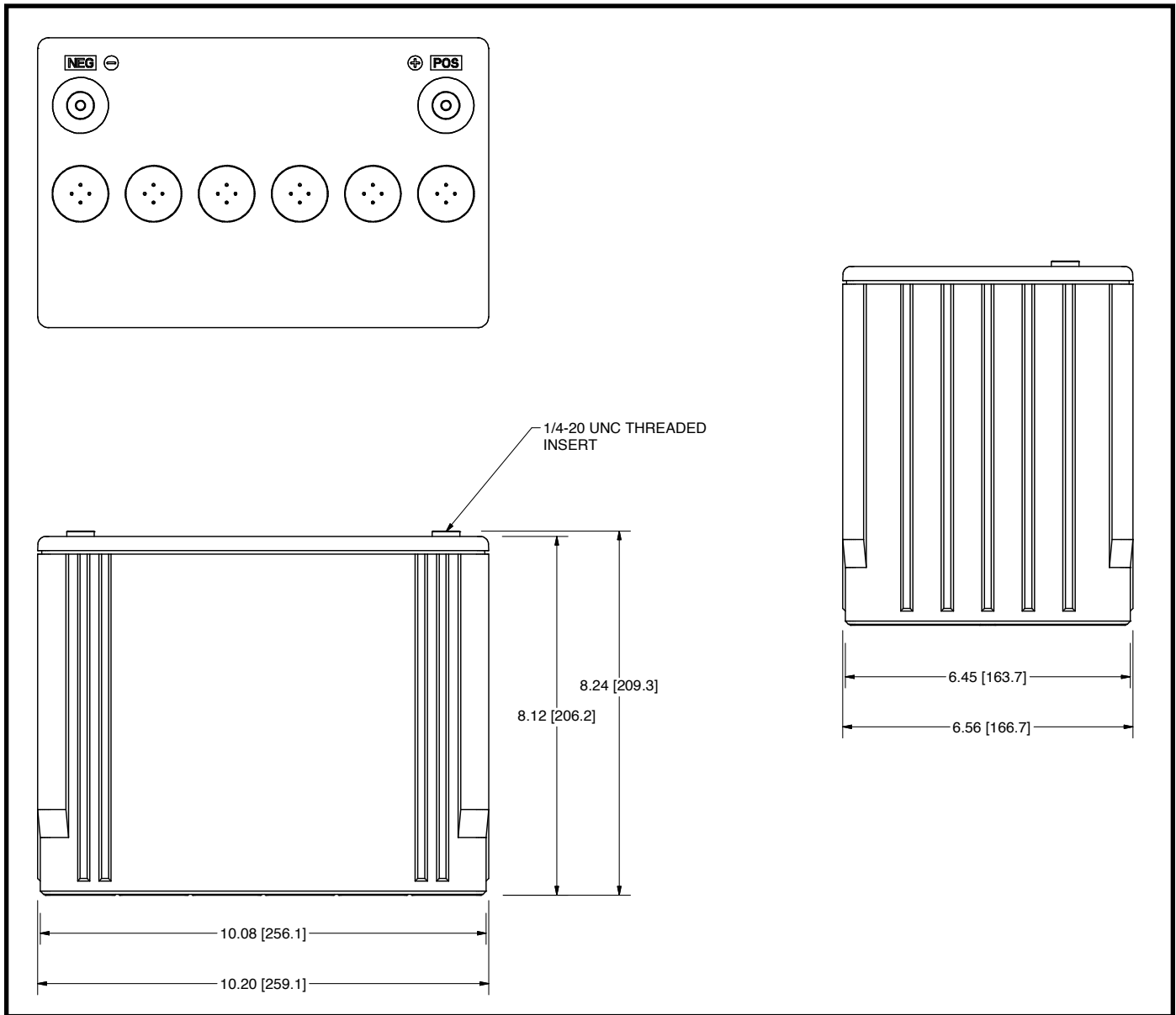
SPECIFICATIONS

- | | |
|---|--|
| Nominal Voltage: 12-Volts | Safety Vent: Low positive pressure, self-sealing w/ flame arrestor |
| Rating: 70.6 Ampere-Hours @ 8 hr. rate to 1.75 V.P.C. | Float Voltage: 2.25 V.P.C. ± 0.01 V.P.C. @ 77°F (25°C) |
| Positive Plate: >98% Pure lead with tin-calcium alloy | Design life: 10 years in float applications @ 77°F (25°C) |
| Negative Plate: Pure lead, calcium alloy | Dimensions: Length - 10.20" (259.1 mm)
Width - 6.56" (166.7 mm)
Height - 8.24" (209.3 mm) |
| Post Seal: Epoxy-sealed | Weight: 54 lbs. (24 kg) |
| Terminal: Top access, 1/4" – 20 threaded insert | |
| Case/Cover: Flame-retardant, polypropylene – UL 94 V-0/>28% L.O.I. | |

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

Volts per Cell (V.P.C.)	1 HR.	2 HR.	3 HR.	4 HR.	5 HR.	8 HR.	12 HR.	20 HR.	24 HR.
1.75	51.4	29.3	20.8	16.2	13.4	8.8	6.1	3.8	3.2
1.80	50.8	29.0	20.6	16.1	13.3	8.8	6.1	3.8	3.2
1.85	49.6	28.5	20.3	15.8	13.1	8.6	6.0	3.7	3.2
1.88	46.6	26.8	19.2	15.1	12.4	8.3	5.8	3.6	3.1
1.90	45.2	25.9	18.4	14.4	11.9	7.9	5.5	3.4	2.9

†Subject to change without notice.



INSTALLATION AND OPERATING INSTRUCTIONS

• <http://www.eastpennmanufacturing.com/wp-content/uploads/Unigy-I-IO-Manual-0902.pdf>



www.dekabatteries.com

QUALITY SYSTEM
CERTIFIED
ISO 9001
ISO/TS 16949
ENVIRONMENTAL
SYSTEM CERTIFIED
ISO 14001



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