

**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 GR-4228-CORE
- 48 volt system fits in 23" relay rack tray



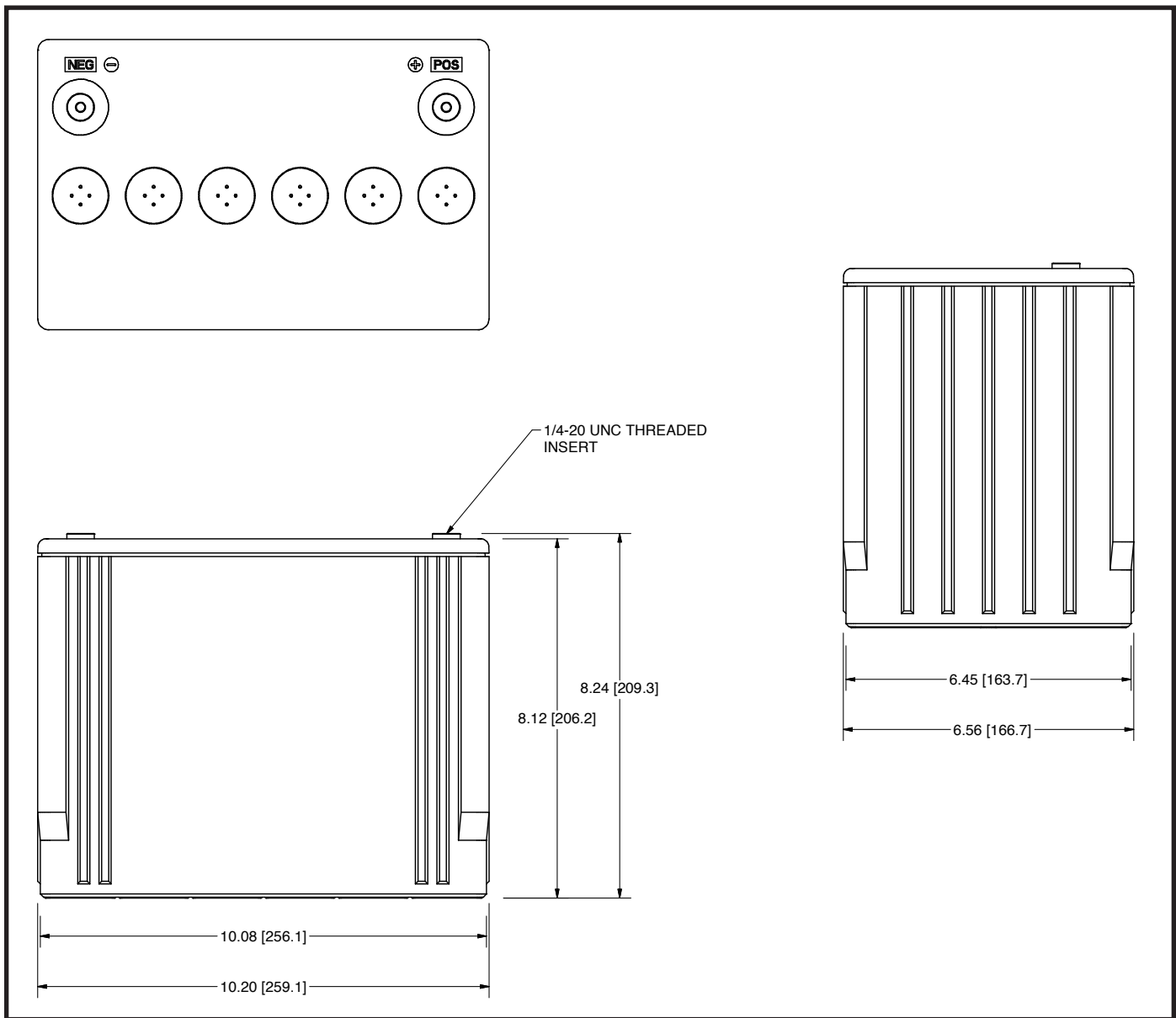
**SPECIFICATIONS**

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

**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](http://www.dekabatteries.com)

QUALITY SYSTEM  
CERTIFIED  
**ISO 9001**  
**IATF 16949**  
ENVIRONMENTAL  
SYSTEM CERTIFIED  
**ISO 14001**



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