

**MORE POWER - LESS SPACE®**



# unigy I

## 12AVR150ET

- 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
- 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
- Designed to meet GR4228 specifications
- 48 volt system fits in 23" relay rack tray



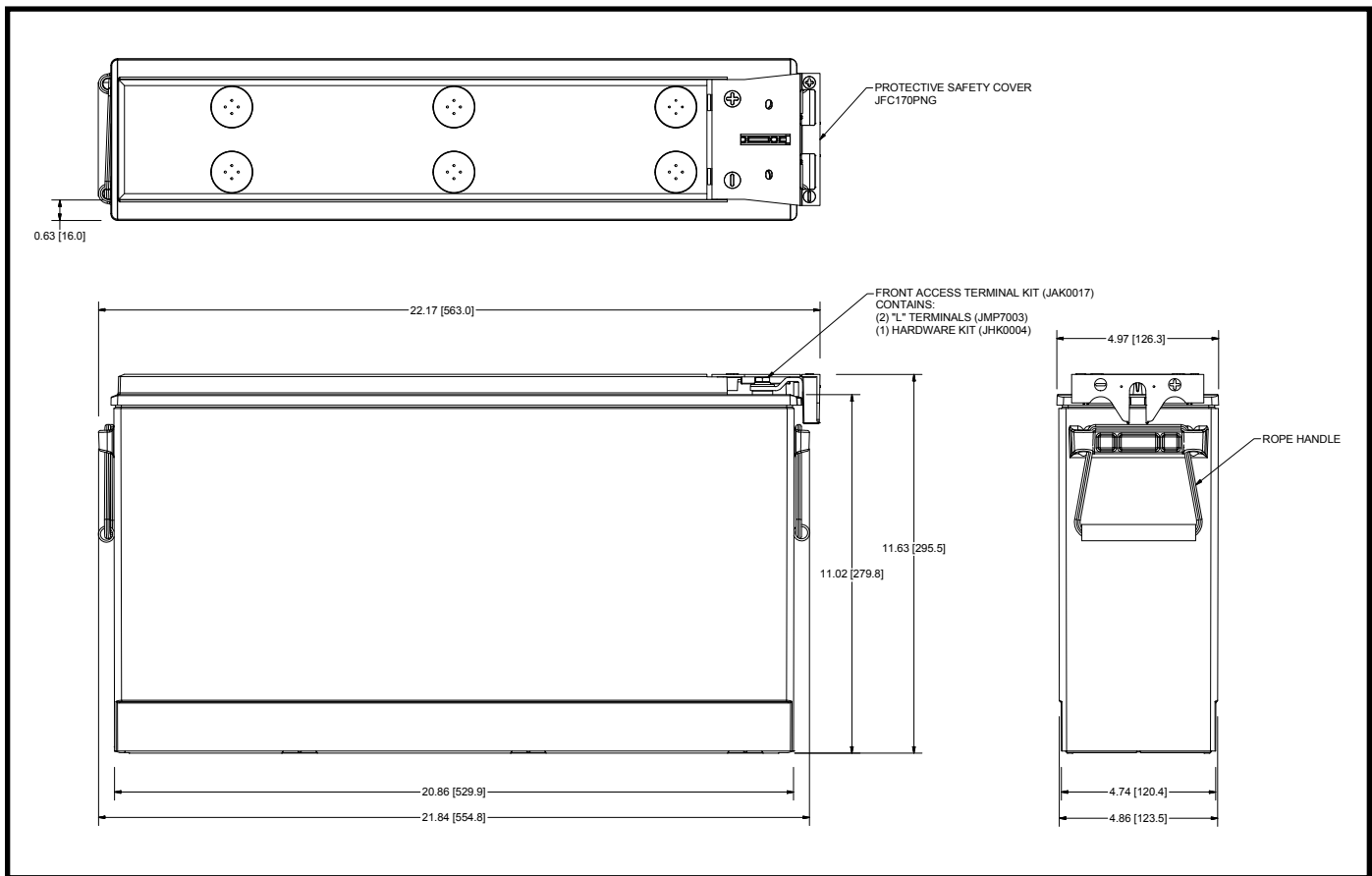
### SPECIFICATIONS

- |   |   |
|---|---|
| <b>Nominal Voltage:</b> 12-Volts  | <b>Safety Vent:</b> Low positive pressure, self-sealing w/ flame arrestor                               |
| <b>Rating:</b> 150 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 - 22.17" (563.0 mm)<br>Width - 4.97" (126.3 mm)<br>Height - 11.63" (295.5 mm) |
| <b>Post Seal:</b> Epoxy-sealed  | <b>Weight:</b> 106.5 lbs. (48 kg)   |
| <b>Terminal:</b> Front access, 1/4" – 20 threaded insert                  |   |
| <b>Case/Cover:</b> Flame-retardant, polypropylene – UL 94 V-0/>28% L.O.I. |   |

### DISCHARGE RATINGS IN AMPS @ 77°F (25°C)<sup>†</sup>

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	96.6	55.5	40.6	32.2	27.1	18.8	13.3	8.5	7.2
1.80	93.0	54.2	39.8	31.6	26.6	18.4	13.1	8.4	7.1
1.85	86.8	51.3	38.0	30.2	25.6	17.7	12.6	8.1	6.8
1.88	81.3	48.8	36.2	28.9	24.6	17.0	12.1	7.7	6.6
1.90	77.0	46.9	34.7	27.8	23.7	16.4	11.6	7.4	6.3

<sup>†</sup>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**  
**ISO/TS 16949**  
ENVIRONMENTAL  
SYSTEM CERTIFIED  
**ISO 14001**

  
UL Recognized Component



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