

**MORE POWER - LESS SPACE®**



# unigy I

## 12AVR170ET

- 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



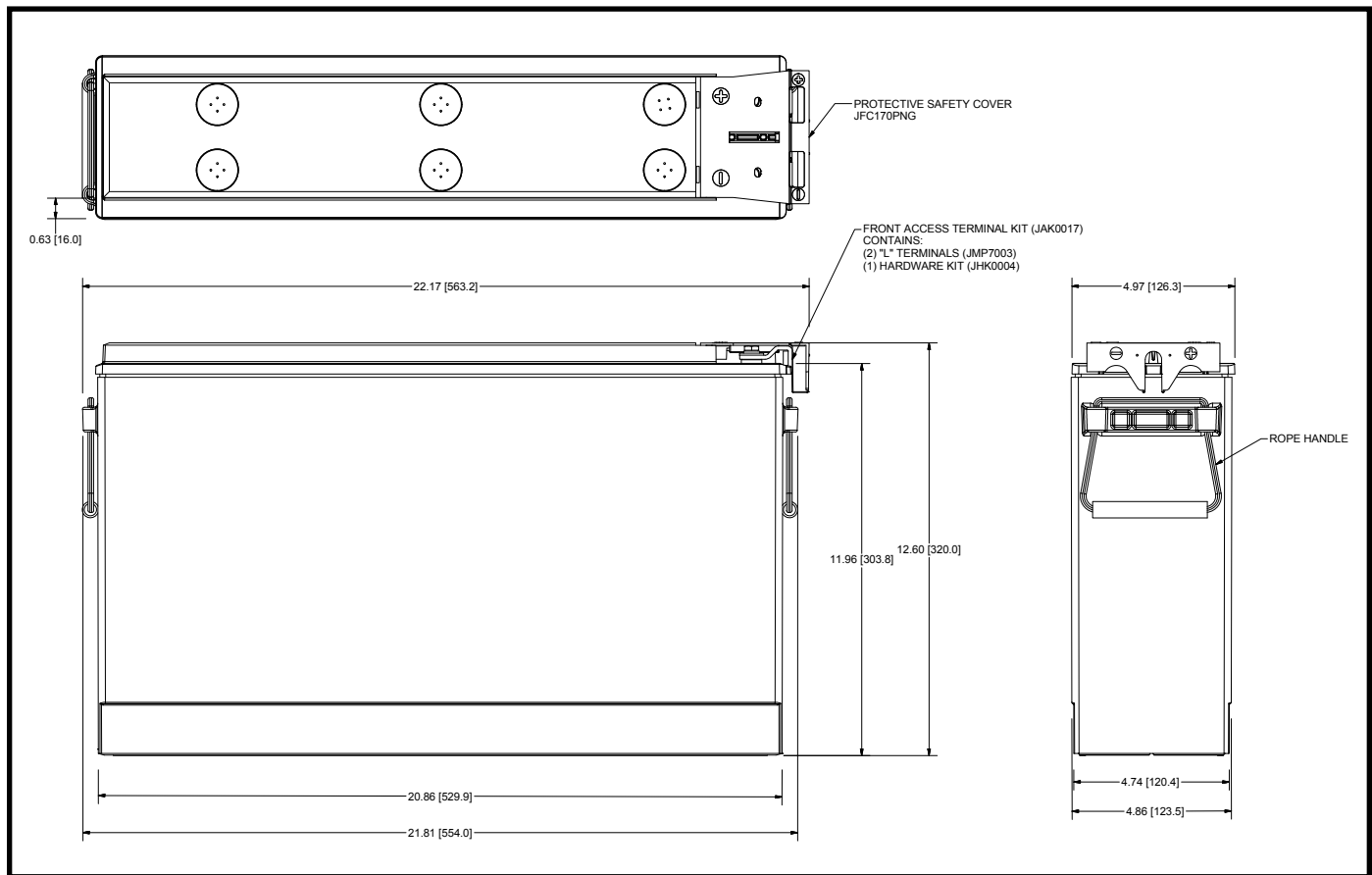
### SPECIFICATIONS

- |   |   |
|---|---|
| <b>Nominal Voltage:</b> 12-Volts  | <b>Safety Vent:</b> Low positive pressure, self-sealing w/ flame arrestor                               |
| <b>Rating:</b> 170 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" (563.2 mm)<br>Width - 4.97" (126.3 mm)<br>Height - 12.60" (320.0 mm) |
| <b>Post Seal:</b> Epoxy-sealed  | <b>Weight:</b> 119 lbs. (54 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	108	63.5	46.1	36.7	30.8	21.2	14.8	9.4	8.0
1.80	103	62.1	45.3	36.1	30.3	20.9	14.6	9.2	7.8
1.85	94.4	58.9	43.4	34.7	29.2	20.2	14.1	8.9	7.6
1.88	88.0	55.8	41.3	33.1	27.9	19.4	13.5	8.6	7.3
1.90	83.1	53.0	39.5	31.8	26.8	18.6	13.0	8.2	7.0

<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



East Penn Manufacturing Co. Lyon Station, PA 19536-0147 Phone: 610-682-3263 Fax: 610-682-0891 e-mail: [reservepowersales@dekabatteries.com](mailto:reservepowersales@dekabatteries.com)

E.P.M. Form No. 1283 6/18 © 2018 by EPM Printed in U.S.A.

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