

MORE POWER - LESS SPACE®



unigy I

12AVR145ET

- 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

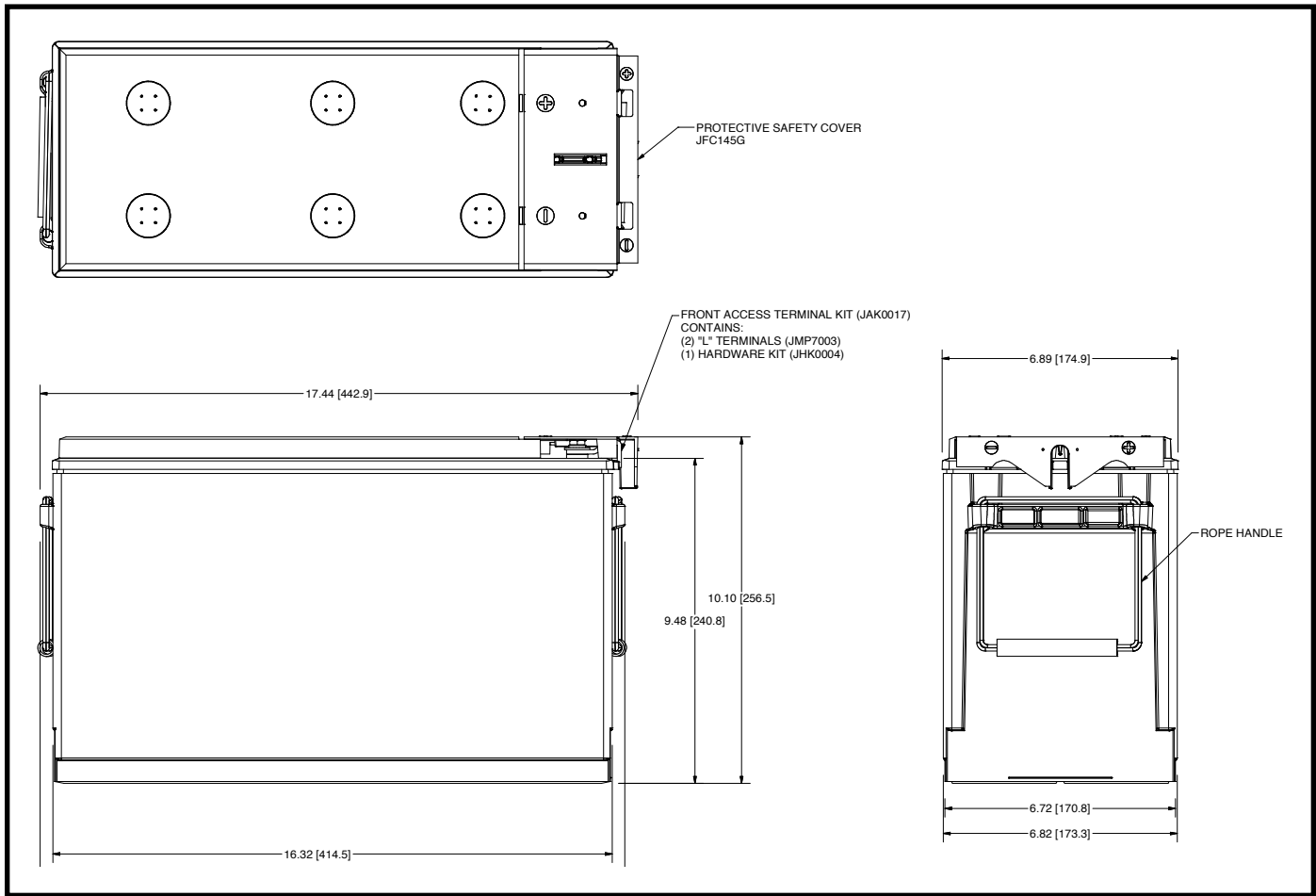
Nominal Voltage: 12-Volts
Rating: 145 Ampere-Hours
 @ 8 hr. rate to 1.75 V.P.C.
Positive Plate: >98% Pure lead with tin-calcium alloy
Negative Plate: Pure lead, calcium alloy
Post Seal: Epoxy-sealed
Terminal: Front access, 1/4" – 20 threaded insert
Case/Cover: Flame-retardant, polypropylene –
 UL 94 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 - 17.44" (442.9 mm)
 Width - 6.89" (174.9 mm)
 Height - 10.10" (256.5 mm)
Weight: 102.5 lbs. (46 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	93.9	54.1	39.2	31.4	26.3	18.1	12.6	7.9	6.7
1.80	91.4	53.2	38.7	31.0	26.0	17.9	12.4	7.8	6.6
1.85	86.1	51.0	37.3	29.9	25.1	17.3	12.0	7.5	6.3
1.88	81.0	48.6	35.7	28.7	24.1	16.6	11.5	7.2	6.1
1.90	76.8	46.6	34.4	27.6	23.3	16.0	11.1	6.9	5.8

†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


UL Recognized Component



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