

MORE POWER - LESS SPACE®



unigy I®

12AVR30

- 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 19" relay rack tray



SPECIFICATIONS

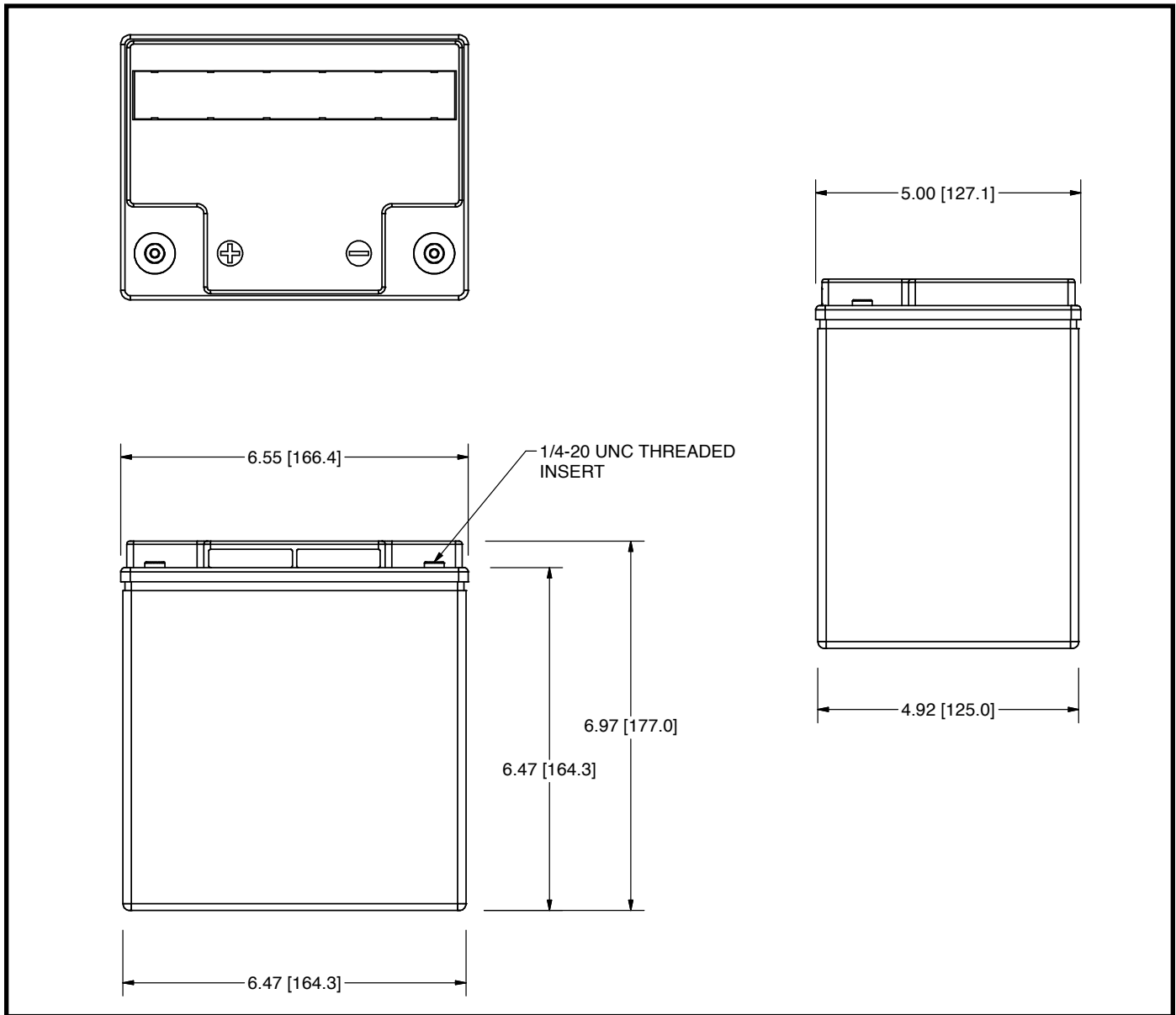
Nominal Voltage: 12-Volts
Rating: 27 Ampere-Hours @ 8 hr. rate to 1.75 V.P.C.
Positive Plate: >98% Pure lead with tin-calcium alloy
Negative Plate: Pure lead, calcium alloy
Post Seal: Epoxy-sealed
Terminal: Top access, 1/4" – 20 threaded insert
Case/Cover: Flame-retardant, polypropylene – UL 94 V-0/>28% 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)
 Range: (13.44V to 13.56V per battery)
Design life: 10 years in float applications @ 77°F (25°C)
Dimensions: Length - 6.55" (166.4 mm)
 Width - 5.00" (127.1 mm)
 Height - 6.97" (177.0 mm)
Weight: 22 lbs. 10 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	18.2	10.7	7.7	6.1	5.1	3.4	2.4	1.5	1.3
1.80	17.8	10.6	7.6	6.0	5.0	3.3	2.3	1.5	1.2
1.85	17.4	10.3	7.4	5.9	4.9	3.3	2.3	1.4	1.2
1.88	16.6	9.9	7.1	5.6	4.7	3.1	2.2	1.4	1.2
1.90	16.1	9.6	6.9	5.5	4.5	3.0	2.1	1.3	1.1

[†]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
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

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