

**MORE POWER - LESS SPACE®**



# unigy I

## 12AVR130

- 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 23" relay rack tray



### SPECIFICATIONS

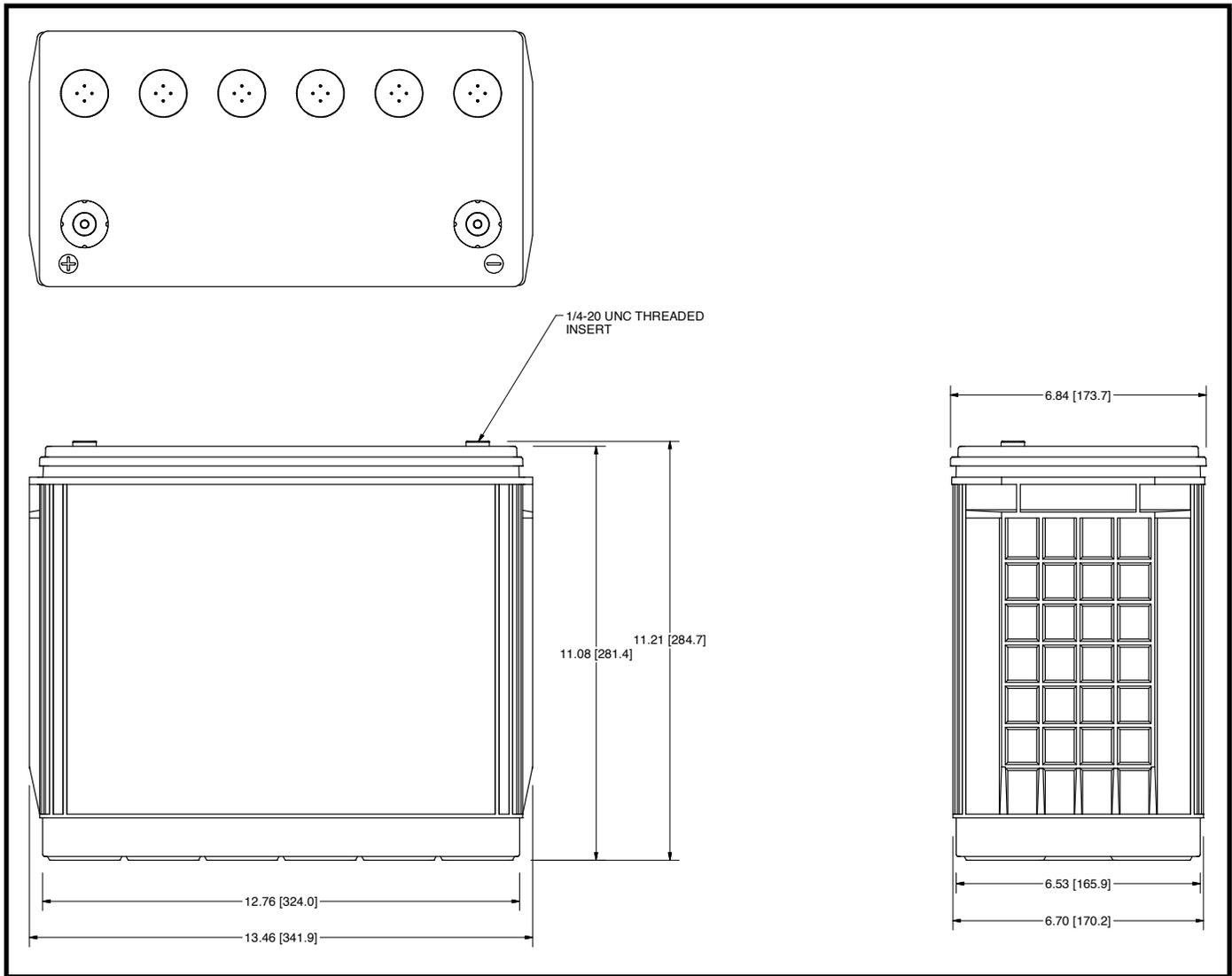
**Nominal Voltage:** 12-Volts  
**Rating:** 125 Ampere-Hours  
 @ 8 hr. rate to 1.75 V.P.C.  
**Positive Plate:** >98% Pure lead with tin-calcium alloy  
**Negative Plate:** Pure lead, calcium alloy  
**Post Seal:** Epoxy-sealed  
**Terminal:** Top access, 1/4" – 20 threaded insert  
**Case/Cover:** 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)  
**Design life:** 10 years in float applications @ 77°F (25°C)  
**Dimensions:** Length - 13.46" (341.9 mm)  
 Width - 6.84" (173.7 mm)  
 Height - 11.21" (284.7 mm)  
**Weight:** 97 lbs. (44 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	89.5	50.1	36.1	28.5	23.6	15.6	10.8	6.7	5.6
1.80	86.6	48.9	35.4	27.9	23.1	15.3	10.6	6.6	5.5
1.85	77.6	45.9	33.3	26.5	22.0	14.7	10.2	6.3	5.3
1.88	71.4	42.7	31.5	25.1	20.9	14.0	9.7	6.1	5.1
1.90	66.1	40.7	30.1	24.1	20.1	13.4	9.3	5.8	4.9

†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**  
**ISO/TS 16949**  
ENVIRONMENTAL  
SYSTEM CERTIFIED  
**ISO 14001**



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