

MORE POWER - LESS SPACE®



unigy I®

12AVR30 12AVR40

- **Exclusive IPF® technology optimizes power capacity, cell consistency, and long-term reliability**
- Space saving Absorbed Glass Mat (AGM) construction (48 volt system fits in 23" racks)
- Reinforced case resists bulging and meets safety requirements (UL94 V-0)
- Computer-aided design and manufacturing control processes and standards to ensure quality products
- All batteries meet or exceed IEEE 485 and Telcordia capacity requirements
- Battery design and construction meet UL recognition requirements
- I.C.A.O., I.M.D.G., I.A.T.A., and D.O.T. air transport approved



SPECIFICATIONS

- Nominal Voltage:** 12-Volt/27.2 & 35.2 ampere-hours @ 8 hr. rate to 1.75 final volts/cell
- Positive Plate:** Pure lead, low-calcium, high-tin alloy
- Negative Plate:** Lead Calcium Alloy
- Post Seal:** Epoxy-sealed
- Terminal:** Inserted post, 10-32 brass insert
- Container/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 volts per cell ± 0.01 vpc (Range: 13.44 to 13.56 volts per 6-cell unit)
- Design Life:** 5 years in float applications at 77°F/25°C
- Dimensions & Weight:** Noted on back

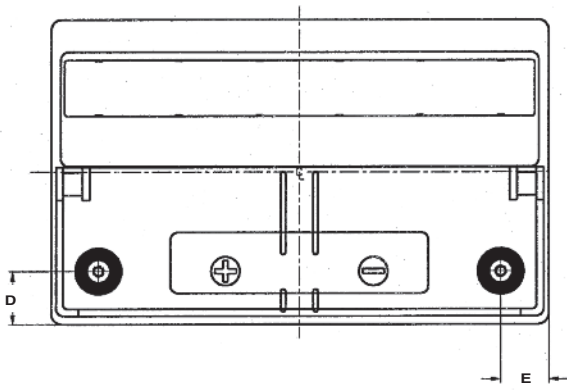
12AVR30 RATINGS IN AMPS @ 77°F

Volts Per Cell (V.P.C.)	1 HR.	3 HR.	5 HR.	8 HR.	10 HR.	12 HR.	20 HR.	24 HR.
1.75	18.2	7.7	5.1	3.4	2.8	2.4	1.5	1.3
1.80	17.8	7.6	5.0	3.3	2.8	2.3	1.5	1.2
1.85	17.4	7.4	4.9	3.3	2.7	2.3	1.4	1.2
1.88	16.6	7.1	4.7	3.1	2.6	2.2	1.4	1.2
1.90	16.1	6.9	4.5	3.0	2.5	2.1	1.3	1.1

12AVR40 RATINGS IN AMPS @ 77°F

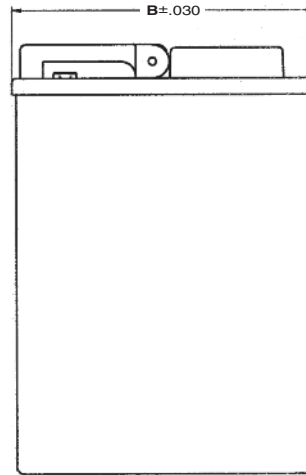
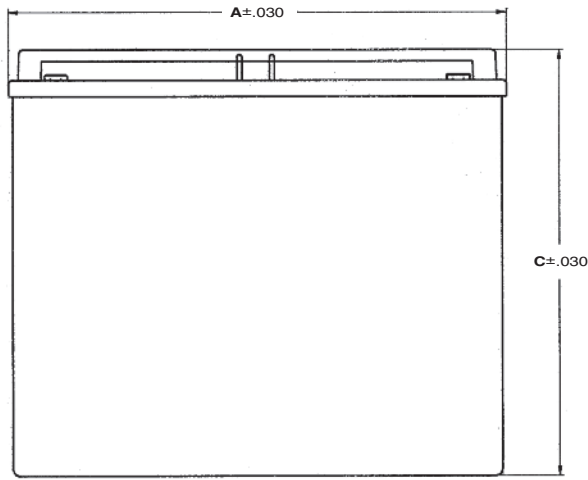
Volts Per Cell (V.P.C.)	1 HR.	3 HR.	5 HR.	8 HR.	10 HR.	12 HR.	20 HR.	24 HR.
1.75	24.2	10.1	6.7	4.4	3.6	3.1	1.9	1.6
1.80	23.8	10.0	6.6	4.4	3.6	3.0	1.9	1.6
1.85	23.1	9.7	6.4	4.2	3.5	2.9	1.8	1.5
1.88	22.2	9.3	6.1	4.0	3.3	2.8	1.7	1.5
1.90	21.5	9.0	5.9	3.9	3.2	2.7	1.7	1.4

Note: Above ratings conform to IEEE-485 standards.



BATTERY	A	B	C	D	E	WEIGHT
12AVR30	6.55 166.37	5.00 127.00	6.97 177.04	.87 22.10	.64 16.26	21 lbs. 9.53 kg
12AVR40	8.16 207.26	5.00 127.00	6.97 177.04	.87 22.10	.78 19.81	26 lbs. 11.80 kg

Chart contains dimensions in inches over millimeters or pounds over kilograms.
12AVR40 shown in drawing.



Note: Dimensions do not include optional outer jacket.

"POWERED FOR PERFORMANCE"®
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