

Eaton 12V 390W Battery



Features

- UL-recognized components under UL924 and certified by ISO 9001 and ISO 14001
- Specially designed for high power density and long life applications
- Small volume, lightweight high discharge efficiency
- Can be used for more than 260 cycles at 100% discharge in cycle service
- Analytical Grade electrolyte
- Low self-discharge
- Built to comply with IEC 896-2, DIN 473534, BS 6290 Pt4, Eurobat
- Exclusive three-year battery parts coverage and one-year battery labor coverage

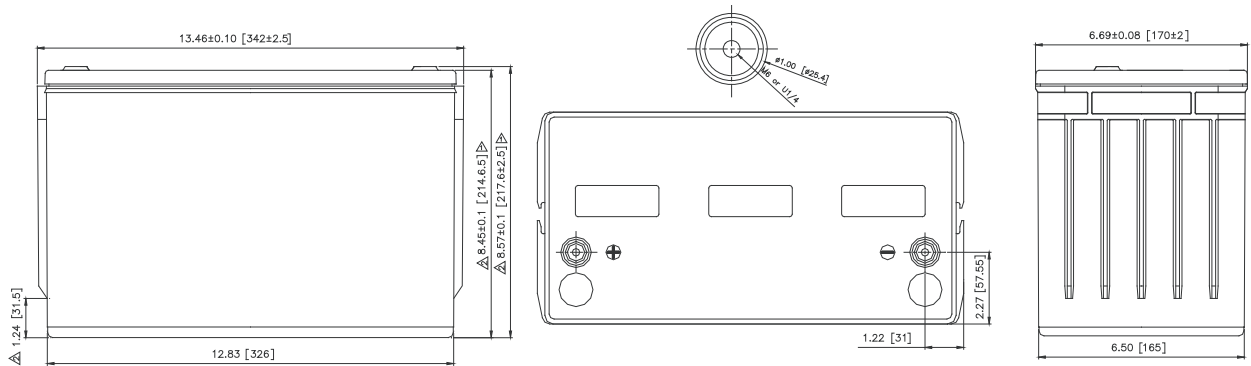
CONSTANT POWER DISCHARGE CHARACTERISTICS: WATTS/CELL (77°F, 25°C)

End point volts/cell	5 min	10 min	15 min	20 min	30 min	40 min	45 min	50 min	60 min	90 min
1.85V	478	401	326	269	202	165	150	138	118	84
1.80V	538	433	348	285	216	177	161	147	124	88
1.75V	603	462	370	302	230	186	169	156	129	93
1.70V	667	491	388	318	240	194	175	160	134	96
1.67V	704	509	398	326	245	197	178	163	137	100
1.60V	779	546	421	342	254	201	183	169	143	105

All mentioned values are average values per battery per cell.

Tolerance: X < 6 min (+15% ~ -15%), 6 min X < 10 min (+12% ~ -12%), 10 min X < 60 min (+8% ~ -8%), X 60 min (+5% ~ -5%)

DIMENSIONS [H x W x D, in (mm)]



Powering Business Worldwide

Technical specifications

Cells per unit	6
Voltage per unit	12
Capacity	390W @ 15-minute rate to 1.67V per cell @ 77°F (25°C)
Weight	Approximately 72.75 lb (33 kg)
Maximum discharge current	800A (5 sec)
Internal resistance	Approximately 4 mΩ
Operating temperature range	Discharge: 5°F~122°F (-15°C~50°C) Charge: 5°F~104°F (-15°C~40°C) Storage: 5°F~104°F (-15°C~40°C)
Nominal operating temperature range	77°F ± 5°F (25°C ± 3°C)
Float charging voltage	13.5 to 13.8 Vdc/unit Average at 77°F (25°C)
Recommended maximum charging current limit	39A
Equalization and cycle service	14.4 to 15.0 Vdc/unit Average at 77°F (25°C)
Self discharge	Batteries can be stored for six months at 77°F (25°C). Please charge batteries before using. For higher temperatures the time interval will be shorter. Voltage test prior to battery installation is recommended.
Terminal	12-thread lead alloy recessed terminal to accept M6 bolt
Container material	UL94-V0/File E50955 Flammability resistance of UL94-HB/File E216959 is available upon request.



PowerChain
Management®

UNITED STATES
8609 Six Forks Road
Raleigh, NC 27615 U.S.A.
Toll Free: 1.800.356.5794
or 919.872.3020

www.powerware.com/batteries

CANADA
Ontario: 416.798.0112
Toll free: 1.800.461.9166

LATIN AMERICA
Argentina: 54.11.4124.4000
Brazil: 55.11.3616.8500
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Portugal: 55.11.3616.8500

EUROPE/MIDDLE EAST/AFRICA
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Norway: 47.23.03.65.50
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