

# Eaton 12V 330W 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

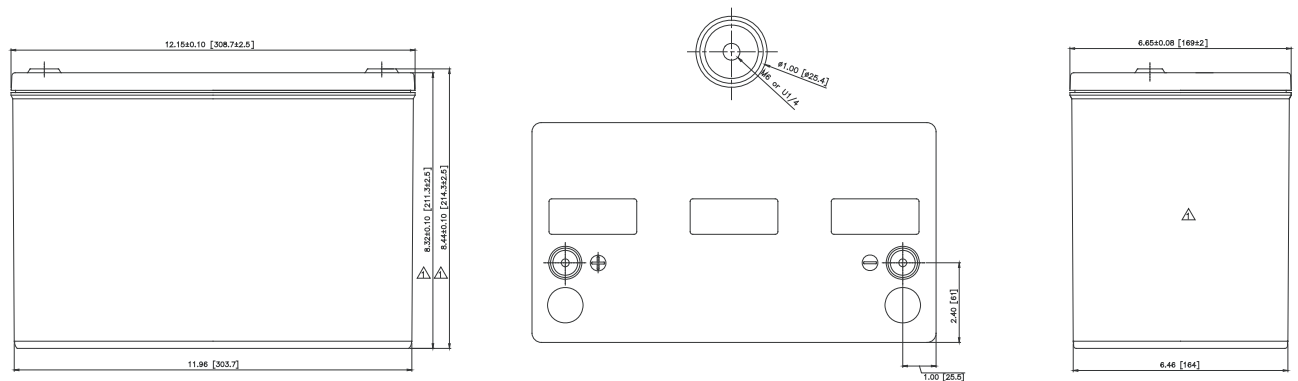
## CONSTANT POWER DISCHARGE CHARACTERISTICS: WATTS/CELL (77°F, 25°C)

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	413	336	282	238	178	144	131	120	102	77
1.80V	465	363	299	255	191	153	139	127	108	81
1.75V	519	392	315	268	202	161	149	136	116	84
1.70V	573	420	330	280	211	168	154	142	121	88
1.67V	604	435	340	285	215	172	156	144	124	91
1.60V	674	462	358	295	220	177	162	148	127	94

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	330W @ 15-minute rate to 1.67V per cell @ 77°F (25°C)
Weight	Approximately 65.47 lb (29.7 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	33A
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	Polypropylene 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](http://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  
México: 52.55.9000.5252  
Portugal: 55.11.3616.8500

**EUROPE/MIDDLE EAST/AFRICA**  
Denmark: 45.3686.7910  
Finland: 358.94.52.661  
France: 33.1.6012.7400  
Germany: 49.0.7841.604.0  
Italy: 39.02.66.04.05.40  
Norway: 47.23.03.65.50  
Sweden: 46.8.598.940.00  
United Kingdom: 44.1753.608.700

**ASIA PACIFIC**  
Australia: 61.2.9693.9366  
New Zealand: 64.0.3.343.3314  
China: 86.21.6361.5599  
HK/Korea/Taiwan: 852.2745.6682  
India: 91.11.2649.9414 to 18  
Singapore/SEA: 65.6825.1668

Eaton, Powerware and PowerChain Management are trade names, trademarks, and/or service marks of Eaton Corporation or its subsidiaries and affiliates. All other trademarks are the property of their respective owners.