

Eaton 12V 390W battery



Features:

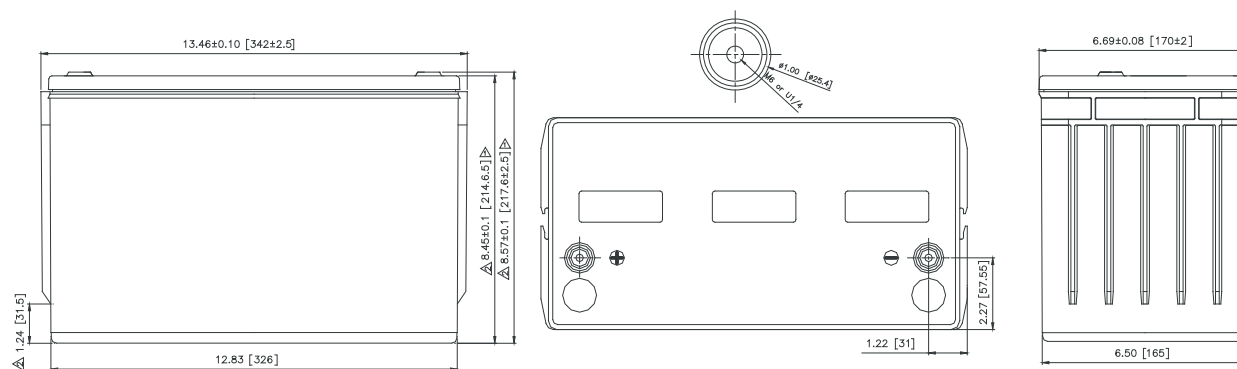
- UL recognized components under UL1989 as well as ISO 9001 and ISO 14001 certified
- Specially designed for high power density and long life applications
- Small volume, lightweight, and high discharge efficiency
- Can be used for more than 260 cycles at 100% discharge in cycle service
- Absorbed glass mat (AGM) design
- Low self-discharge
- Built to comply with IEC 60896, DIN 473534, Eurobat
- Exclusive three year battery parts coverage and one year battery labor coverage (with option to purchase labor coverage for years 2 and 3)

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

End voltage (Volts/cell)	Discharge time (minutes) with constant power load (Watts/cell) at 77°F (25°C)									
	5 min	10 min	15 min	20 min	30 min	40 min	45 min	50 min	60 min	90 min
1.85 V	478	401	326	269	202	165	150	138	118	84
1.80 V	538	433	348	285	216	177	161	147	124	88
1.75 V	603	462	370	302	230	186	169	156	129	93
1.70 V	667	491	388	318	240	194	175	160	134	96
1.67 V	704	509	398	326	245	197	178	163	137	100
1.60 V	779	546	421	342	254	201	183	169	143	105

All mentioned values are average values per battery per cell.

DIMENSIONS H x W x D in (mm)



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TECHNICAL SPECIFICATIONS

Cells (per battery)	6		
Voltage (per battery)	12		
Rating	390W @ 15 minute-rate to 1.67V per cell @ 77°F (25°C)		
Weight	Approx. 72.75 lb. (33 kg)		
Lead weight	Approx. 51.17 lb. (23.21 kg)		
Maximum discharge current	800 A (5 seconds)		
Short circuit current	2779 A		
Internal resistance (approximate)	Approx. 3 mΩ		
*Operating temperature range	Discharge: -15°C to 50°C (5°F to 122°F) Charge: -15°C to 40°C (5°F to 104°F) Storage: -15°C to 40°C (5°F to 104°F)		
Float charging voltage	13.5 to 13.8 VDC/unit Average at 77°F (25°C)		
Terminal/Tightening torque	12-thread lead alloy recessed terminal to accept M6 bolt/91 lb in (max)		
Container material	Polypropylene		
Dimensions	Length (L):	343.0 ± 2.5 mm	13.50 ± 0.10 inch
	Width (W):	170.0 ± 2.0 mm	6.69 ± 0.08 inch
	Container Height (h):	213.9 ± 2.5 mm	8.42 ± 0.10 inch
	Overall Height (H):	216.9 ± 2.5 mm	8.54 ± 0.10 inch

* It is recommended to keep the ambient air temperature the battery is used in at 25°C (77°F) for optimal battery life and discharge performance.



For more information, please visit
[Eaton.com/UPSbatteries](https://www.eaton.com/UPSbatteries)

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