

# Eaton 12V 540W battery



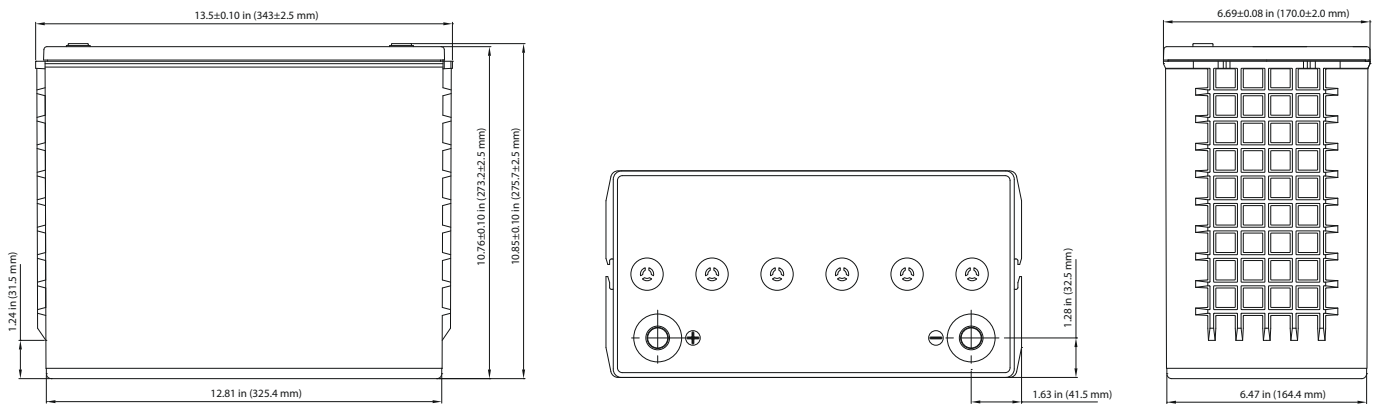
## Features:

- Designed for high-power density applications
- Recognized under UL 1989 as well as ISO 9001 and ISO 14001 certified
- Absorbed glass mat (AGM) design
- High discharge efficiency
- Can be used for more than 260 cycles at 100% discharge in cycle service
- 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 OR 25°C)

End voltage (Volts/cell)	Discharge time (minutes) with constant power load (Watts/cell) at 77°F (25°C)									
	2 min	4 min	6 min	8 min	10 min	15 min	20 min	30 min	60 min	90 min
1.85	705	607	559	524	502	407	351	286	177	131
1.80	760	718	636	574	539	454	384	308	188	137
1.75	871	773	699	628	579	492	409	321	196	142
1.70	961	823	757	669	610	516	427	331	200	144
1.67	1035	888	799	714	648	542	438	334	202	144
1.60	1146	981	863	781	698	570	453	343	204	148

## DIMENSIONS H x W x D in (mm)



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## TECHNICAL SPECIFICATIONS

Cells (per battery)	6		
Voltage (per battery)	12		
Rating	540 Watts/cell for 15 minutes to 1.67 Volts/cell		
Weight	96.80 lb. (43.90 kg)		
Lead weight	67.82 lb. (30.76 kg)		
Maximum discharge current	800 A (5 seconds)		
Short circuit current	3523 A		
Internal resistance (approximate)	2.6 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 Vdc to 13.8 Vdc		
Terminal/Tightening torque	Threaded insert will accept M6x20 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):	273.2 ± 2.5 mm	10.76 ± 0.10 inch
	Overall Height (H):	275.7 ± 2.5 mm	10.85 ± 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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