

# Eaton 12V 620W battery



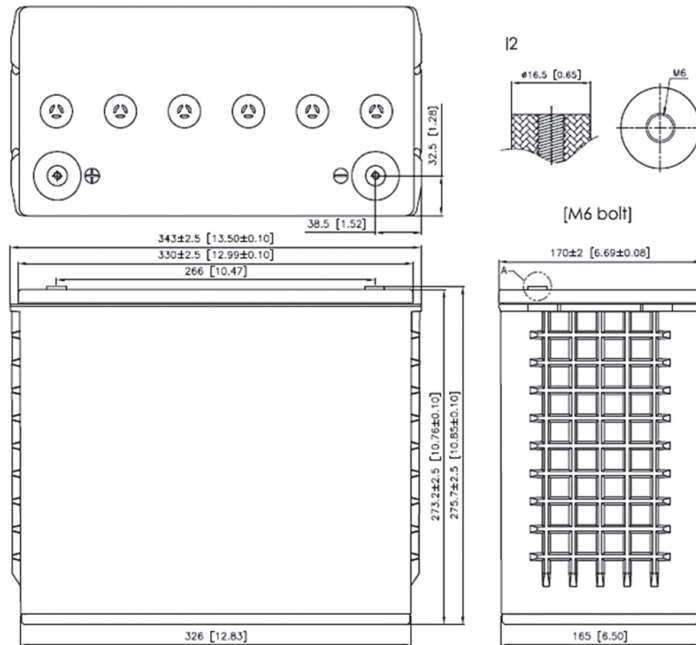
## Features:

- Designed for high power density applications
- Same case size as PWHR12540W4FR
- UL recognized under UL 1989
- Absorbed Glass Mat (AGM) design
- 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)									
	2 min	4 min	5 min	8 min	10 min	15 min	20 min	30 min	60 min	90 min
1.85 V	689	628	619	578	520	429	376	311	194	145
1.80 V	873	777	738	649	607	493	419	336	208	153
1.75 V	930	868	832	719	662	547	457	356	216	157
1.70 V	1015	916	901	782	710	590	486	370	221	160
1.67 V	1073	947	924	816	731	620	497	375	222	160
1.60 V	1178	1015	962	880	782	628	518	384	224	161

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



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## TECHNICAL SPECIFICATIONS

Cells (per battery)	6		
Voltage (per battery)	12		
Rating	620W @ 15 minute-rate to 1.67V per cell @ 77°F (25°C)		
Weight	Approx. 104.03 lb. (47.2 kg)		
Lead weight	Approx. 77.03 lb. (34.93 kg)		
Maximum discharge current	800 A (5 seconds)		
Short circuit current	3722A		
Internal resistance (approximate)	Approx. 2.40 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	Threaded insert will accept M6x20 bolt		
Container material	Polypropylene (UL 94-V0)		
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)

**Eaton**  
 1000 Eaton Boulevard  
 Cleveland, OH 44122  
 United States  
 Eaton.com

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