

# Eaton 12V 280W battery



## Features:

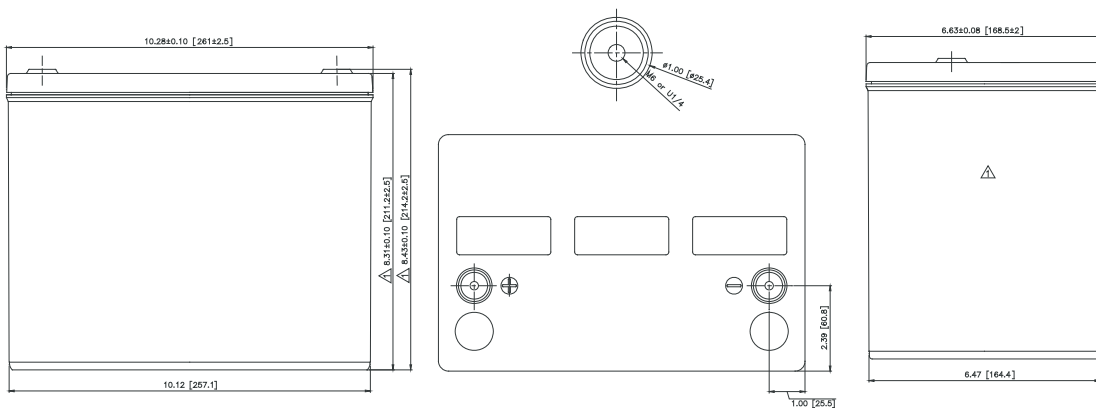
- UL recognized components under UL1989 as well as ISO 9001 and ISO 14001 certified
- Specially designed for high power density and long life applications
- Small volume, lightweight, and high discharge efficiency
- Can be used for more than 260 cycles at 100% discharge in cycle service
- Absorbed glass 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	Discharge time (minutes) with constant power load (Watts/cell) at 77°F (25°C)									
(Volts/cell)	5 min	10 min	15 min	20 min	30 min	40 min	45 min	50 min	60 min	90 min
1.85 V	336	276	235	202	156	127	116	106	92	67
1.80 V	388	300	249	212	163	134	123	113	97	70
1.75 V	436	326	263	221	171	139	130	117	100	73
1.70 V	480	350	274	231	177	144	132	121	103	76
1.67 V	506	361	283	236	180	146	134	123	106	78
1.60 V	559	384	298	246	185	148	137	127	108	81

All mentioned values are average values per battery per cell.

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



# EATON

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## TECHNICAL SPECIFICATIONS

Cells (per battery)	6		
Voltage (per battery)	12		
Rating	280W @ 15 minute-rate to 1.67V per cell @ 77°F (25°C)		
Weight	Approx. 56.89 lb. (25.80 kg)		
Lead weight	Approx. 41.12 lb. (18.65 kg)		
Maximum discharge current	800 A (5 seconds)		
Short circuit current	2576 A		
Internal resistance (approximate)	Approx. 3.5 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):	261.0 ± 2.5 mm	10.28 ± 0.10 inch
	Width (W):	168.5 ± 2.0 mm	6.63 ± 0.08 inch
	Container Height (h):	210.5 ± 2.5 mm	8.29 ± 0.10 inch
	Overall Height (H):	213.5 ± 2.5 mm	8.41 ± 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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