

Eaton 12V 200W battery



Features:

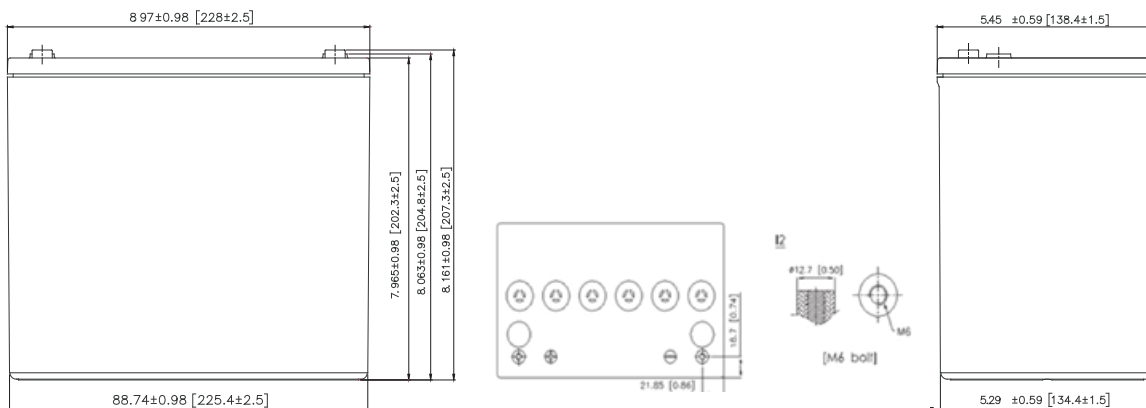
- UL recognized components under UL1989 as well as ISO 9001 and ISO 14001 certified
- Specially designed for high power density and long life applications
- Small volume, lightweight, and high discharge efficiency
- Absorbed glass mat (AGM) design
- Can be used for more than 260 cycles at 100% discharge 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, 25°C)

End voltage (Volts/cell)	Discharge time (minutes) with constant power load (Watts/cell) at 77°F (25°C)									
	5 min	7.5 min	10 min	15 min	20 min	30 min	40 min	50 min	60 min	90 min
1.85 V	264	235	210	172	142	108	88	75	66	49
1.80 V	291	254	227	182	150	114	95	80	70	51
1.75 V	319	275	242	193	158	118	99	83	72	53
1.70 V	347	296	257	201	165	123	101	85	74	54
1.67 V	363	307	265	206	168	125	102	86	74	54
1.60 V	399	329	281	215	175	128	103	86	75	54

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	200W @ 15 minute-rate to 1.67V per cell @ 77°F (25°C)		
Weight	Approx. 38.15 lb. (17.3 kg)		
Lead weight	Approx. 26.64 lb. (12.08 kg)		
Maximum discharge current	300 A (5 seconds)		
Short circuit current	1509 A		
Internal resistance (approximate)	Approx. 5.9 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)		
Container material	Polypropylene		
Dimensions	Length (L):	228.0 ± 2.5 mm	8.98 ± 0.10 inch
	Width (W):	138.4 ± 1.5 mm	5.45 ± 0.06 inch
	Container Height (H):	201.3 ± 2.5 mm	7.93 ± 0.10 inch
	Overall Height (H):	206.3 ± 2.5 mm	8.12 ± 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.



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