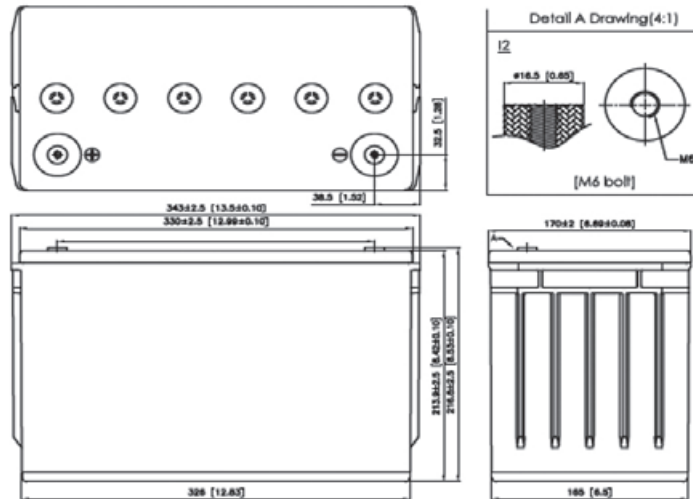# Eaton 12V 502W battery

Features:

- Designed for high-power density applications
- Same case size as PWHR12390W4FR
- UL Recognized under UL 1989
- Absorbed Glass Mat (AGM) design
- Exclusive three-year battery parts coverage and one-year battery labor coverage (warranty adder available up to 5 years parts/labor)

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

End voltage	Discharge time (minutes) with constant power load (Watts/cell) at 77°F (25°C)											
(Volts/cell)	2 min	4 min	5 min	6 min	8 min	10 min	15 min	20 min	30 min	45 min	60 min	90 min
1.60 V	1289	1049	962	892	768	666	514	410	299	213	167	119
1.67 V	1186	985	912	842	729	640	502	403	295	211	166	118
1.70 V	1138	952	882	817	712	625	494	398	293	209	165	118
1.75 V	1058	892	823	767	664	594	474	385	287	206	163	117
1.80 V	960	812	752	694	612	555	446	365	275	199	158	115
1.85 V	842	709	655	614	555	509	409	337	256	187	150	110

DIMENSIONS H x W x D in (mm)

TECHNICAL SPECIFICATIONS

Cells (per battery)	6
Voltage (per battery)	12
Rating	502 Watts/Cell for 15 minutes to 1.67 Volts/cell
Weight	36.9 kg (81.32 pounds)
Lead weight	27.0 kg (59.59 pounds)
Maximum discharge current	1200 A (5 seconds)
Short circuit current	3685 A
Internal resistance (approximate)	2.22 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)
Normal Operating Temperature	25°C (77°F)
Float charging voltage	13.5 VDC to 13.8 VDC
Shelf life	8 months, 25°C. Charge batteries before using. For higher temperatures the time interval will be shorter.
Terminal	Threaded insert will accept M6x20 bolt
Container Material	Polypropylene, UL 94V-0

* 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

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