



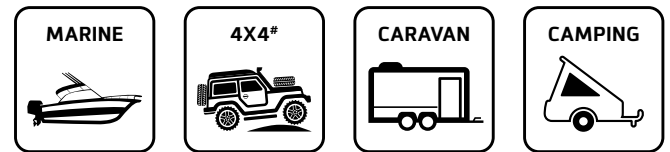
DEEP CYCLE AGM 100Ah

DC12-100AGM (12V / 100Ah)



Maxx Deep Cycle AGM batteries incorporate a range of advanced design features to provide dependable Deep Cycle power in a range of recreational applications.

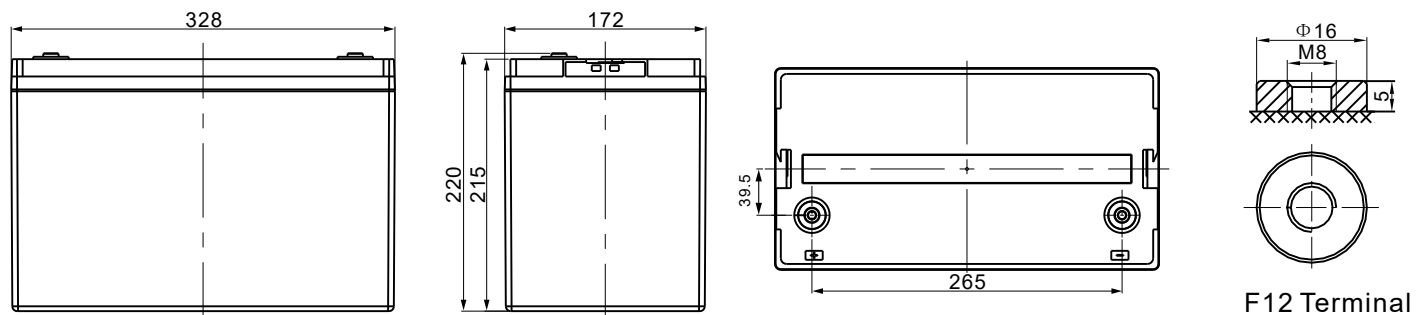
- ✓ Dependable Deep Cycle Performance
- ✓ Sealed Maintenance Free Design
- ✓ Long Cycle Life
- ✓ Multi Angle Fitment[^]



Product Specification

Cells	6	Weight	Approx. 27.0 kg ± 5%
Voltage	12V	Max. Discharge Current	1000 A (5 sec)
Capacity	100Ah@20hr-rate to 1.75V per cell @ 25°C	Internal Resistance	Approx. 6.5 mΩ
Operating Temperature Range	Discharge: -20°C~60°C Charge: 0°C~50°C Storage: -20°C~60°C	Terminal	M8 Insert
		Container Material	A.B.S. (UL94-HB)
Normal Operating Temperature Range	25°C ± 5°C	Recommended Max. Charging - Current Limit	30A
Float Charging Voltage	13.6 to 13.8 VDC/unit average at 25°C Temperature Compensation: -3mV/°C/Cell	Equalisation & Cycle Service	14.6 to 14.8VDC/unit average at 25°C Temperature Compensation: -4mV/°C/Cell
Self Discharge	Maxx 100Ah AGM Deep Cycle battery can be stored for up to 6 months at 25°C, after which recharging is recommended. Self-discharge rate less than 3% per month at 25°C. Please charge batteries before using.	Note: Warranty void if mounted under bonnet	

Unit: mm Dimension: 328 (L) x 172 (W) x 215 (H) x 200 (TH)



[^]Not suitable for inverted or end mounting. ^{*}Not suitable for under bonnet use.

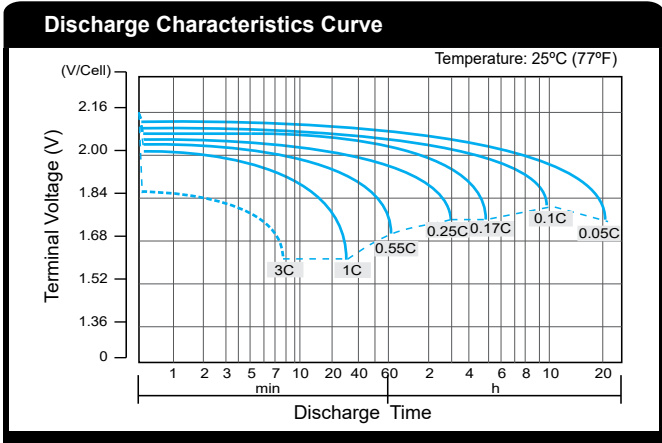
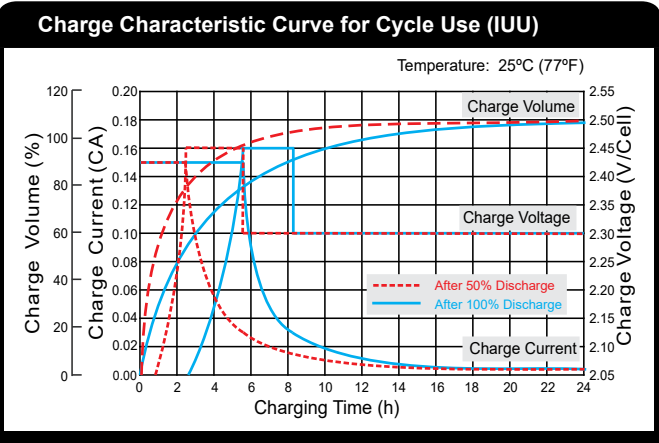
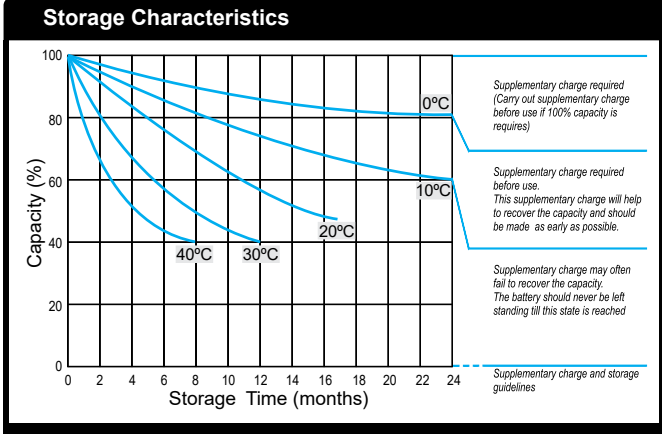
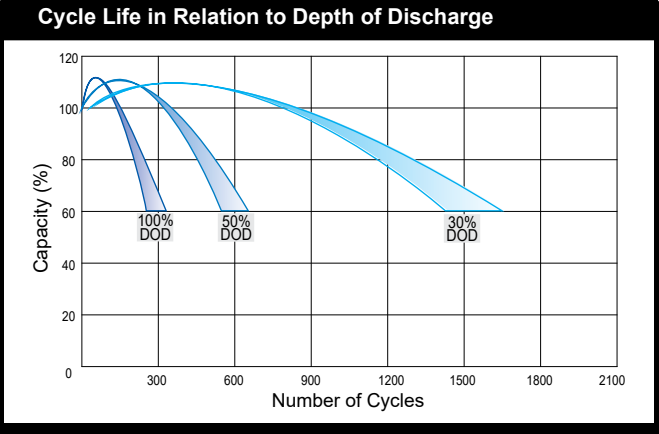
Discharge Current VS Discharge Voltage				Charge batteries every six months if they are stored at 25°C	
Final Discharge Voltage V/Cell	1.75V	1.70V	1.60V	Charging Method Constant Voltage -0.2Cx2h+2.4~2.45V/Cellx24h,Max.Current 0.3CA	
Discharge Current	(A) ≤0.2C	0.2C< (A) <1.0C	(A) ≥1.0C		

ALL MENTIONED VALUES ARE AVERAGE VALUES.

CONSTANT CURRENT DISCHARGE CHARACTERISTICS : A (25°C)

F.V/Time	10MIN	15MIN	30MIN	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR
10.5V	177.0	149.0	92.08	54.45	32.39	24.75	20.01	17.05	11.47	9.619	5.000

(Note) The above characteristics data are average values obtained within three charge/discharge cycle not the minimum values. The battery must be fully charged before the capacity test. The C_{20} should reach 95% after the first cycle and 100% after the third cycle.



BATTERY DISPOSAL

This battery is 98% recyclable. Help create a cleaner planet, return your used battery to the original place of purchase or your nearest Century Yuasa approved Battery Recycling Centre.

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