VRLA AGM DEEP CYCLE BATTERY

R2-500AGM





Series	VRLA AGM-R	Warranty	See Warranty Terms
Volts	2	Design	
Cells	1		
Terminal Type		F10(M8)	
Included Hardware		M8 stainless bolts & washers	
Size & Thread		M8	

Charge | Discharge

Charge Voltage Range	2.45 V/cell @ 25°C (77°F)
Float Voltage Range	2.3 V/cell @ 25°C (77°F)
Recommended Charge Current	75 A
Maximum Charge Current	100 A
Self-Discharge Rate	5%-10% per month at 25°C (77°F)
Internal Resistance	.60 mΩ

Capacity

Hour Rate	Capacity / AMP Hour	Current / AMPs
@ 100 Hour Rate	**580 AH**	**5.80 A**
@ 20 Hour Rate	**530 AH**	**26.5 A**
@ 10 Hour Rate	**500 AH**	**50 A**
@ 5 Hour Rate	**425 AH**	**85 A**

Cut Off Voltage	Constant Current Discharge						
	1 hr	2 hr	3 hr	4 hr	5 hr	8 hr	10 hr
1.80 VPC	264.5	163.9	125	101.7	85	59.8	50

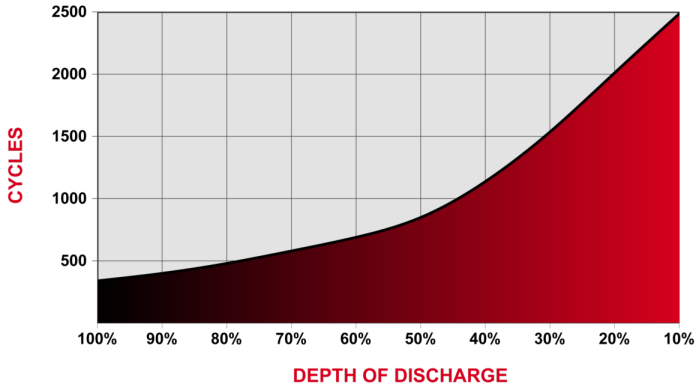
Specifications

Weight	25.5 kg	56 lbs
Length	211 mm	8.31"
Width	171 mm	6.73"
Height Incl. Term.	342 mm	13.5"

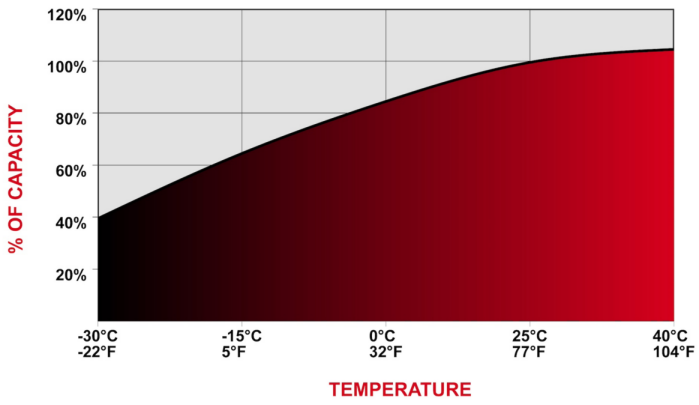
Product measurements & weights are calculated based on sample data. Individual specifications are subject to vary due to the manufacturing process & battery components.

Container	ABS
Cover	ABS
Handles	Integrated Top Mount

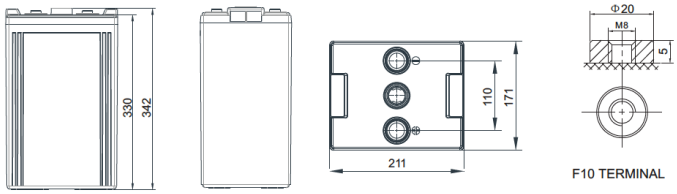
Cycle Life vs. Depth of Discharge



Capacity vs. Temperature



Detailed Illustration



ISO 9001 ISO 14001 ISO 45001 MH 28539 BSTXD21031600851SEC

Rev.#1