AGM VRLA DEEP CYCLE BATTERY

R12-80AGM







Series	VRLA AGM-R	Warranty	See Warranty Terms
Volts	12	Design	Grp24
Cells	6		
Terminal Type	F12(M8) and TP08 Adapter [+21mm]		
Included Hardware	M8 stainless bolts & washers & TP08 adapter		
Size & Thread	M8		

Charge | Discharge

Charge Voltage Range	14.7V @ 25°C (77°F)
Float Voltage Range	13.8V @ 25°C (77°F)
Recommended Charge Current	15 A
Maximum Charge Current	25 A
Self-Discharge Rate	Less than 2% per month at 25°C (77°F)

Capacity

Cold Crank Amps (CCA) 0°F / -18°C	500
Marine Crank Amps (MCA) 32°F / 0°C	750
Reserve Capacity (RC @ 25A)	145 Minutes
Reserve Capacity (RC @ 75A)	30 Minutes

Capacity Affect by Temperature	40°C (104°F)	25°C (77°F)	0°C (32°F)	-15°C (5°F)
	102%	100%	85%	65%

Hour Rate	Capacity / AMP Hour	Current / AMPs
@ 100 Hour Rate	**90 AH**	**0.9 A**
@ 20 Hour Rate	**81 AH**	**4.05 A**
@ 10 Hour Rate	**73 AH**	**7.3 A**
@ 5 Hour Rate	**67 AH**	**13.40 A**

Cut Off Voltage	Constant Current Discharge						
VPC	1 hr	2 hr	3 hr	4 hr	5 hr	8 hr	10 hr
	40.6	22.8	17.1	13.4	11.2	8.2	6.8

Specifications

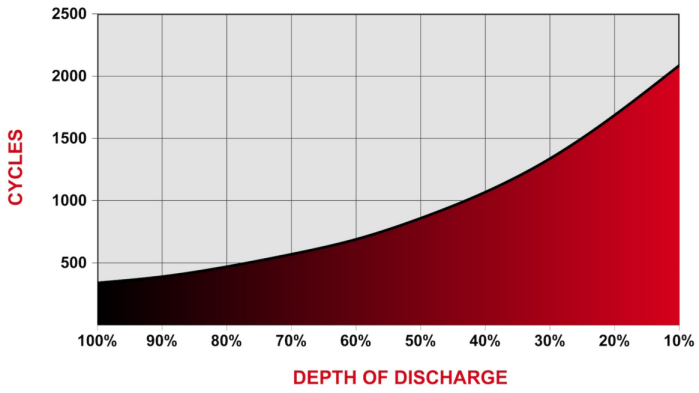
Weight	23 kg	50.5 lbs
Length	260 mm	10.24"
Width	169 mm	6.65"
Height Incl. Term.	220 mm	8.66"

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

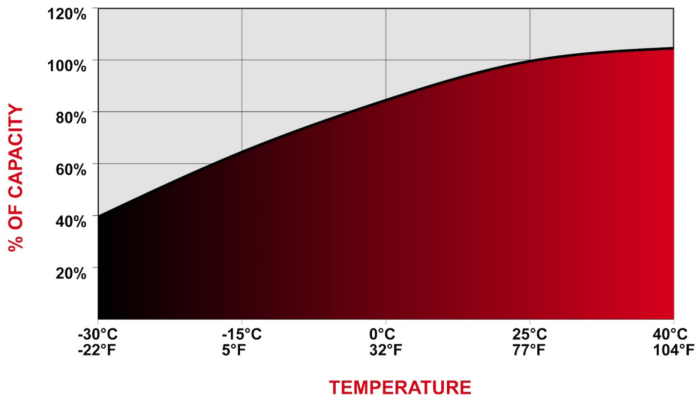
Container	ABS
Cover	ABS
Handles	Rope / Plastic Handle

- Plastics are UL94 HB (UL94 V0 available)
- Valve regulated design with integral flame arrestor
- Non-hazardous, Non-spillable

Cycle Life vs. Depth of Discharge



Capacity vs. Temperature



BATTERY COUNCIL INTERNATIONAL

Designed in compliance with applicable BCI, DIN, BS & IEC standards.
Tested in compliance to BCI & IEC standards.

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