VRLA AGM DEEP CYCLE BATTERY

R12-45AGM





Series	VRLA AGM-R	Warranty	See Warranty Terms
Volts	12	Design	SPEC
Cells	6		
Terminal Type		F11(M6)	
Size & Thread		M6	

Charge | Discharge

Charge Voltage Range	14.7V @ 25°C (77°F)
Float Voltage Range	13.8V @ 25°C (77°F)
Recommended Charge Current	9 A
Maximum Charge Current	14 A
Self-Discharge Rate	Less than 2% per month at 25°C (77°F)
Internal Resistance	9 mΩ

Capacity

Cold Crank Amps (CCA) 0°F / -18°C	315

Hour Rate	Capacity / AMP Hour	Current / AMPs
@ 20 Hour Rate	**48 AH**	**2.4 A**
@ 10 Hour Rate	**45 AH**	**4.5 A**
@ 5 Hour Rate	**39 AH**	**7.8 A**

Cut Off Voltage	Constant Current Discharge						
	1 hr	2 hr	3 hr	4 hr	5 hr	8 hr	10 hr
1.80 VPC	24.04	14.28	11.26	8.94	7.66	5.39	4.5

Specifications

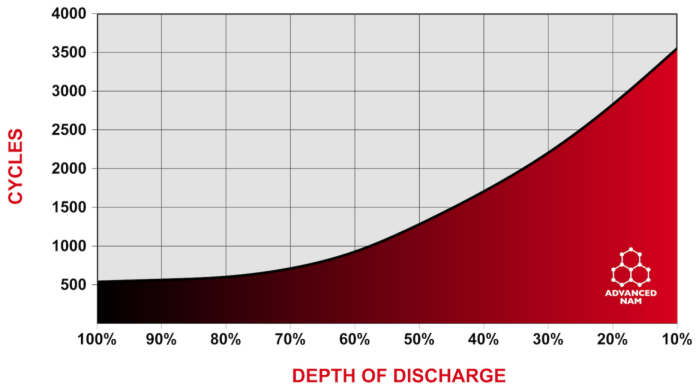
Weight	14 kg	22.5 lbs
Length	198 mm	7.80"
Width	166 mm	6.54"
Height	169 mm	6.65"
Height Incl. Term.	169 mm	6.65"

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

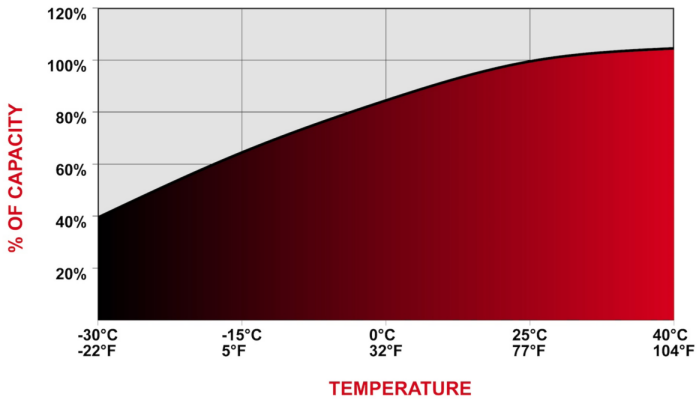
Container	ABS
Cover	ABS
Handles	None

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

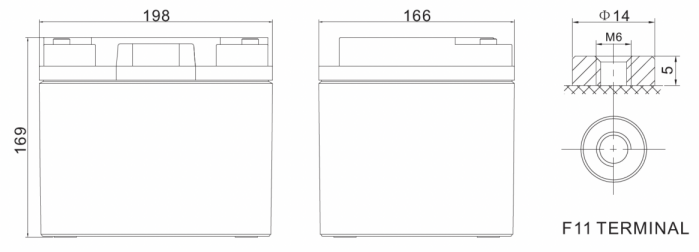
Cycle Life vs. Depth of Discharge



Capacity vs. Temperature



Detailed Illustration



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

Rev.#1 | August 2024