

Rolls



AGM VRLA DEEP CYCLE BATTERY

S12-116AGM-RE



Series	AGM-S	Warranty	See Warranty Terms
Volts	12	BCI	Grp 27
Cells	6		
Terminal Type		DT	
Included Hardware		Stainless Steel Nuts & Bolts	
Size & Thread		DT	

Charge

Charge Voltage Range	14.7V @ 25°C (77°F)
Float Voltage Range	13.8V @ 25°C (77°F)
Recommended Charge Current	20 A
Maximum Charge Current	35 A
Self-Discharge Rate	Less than 2% per month at 25°C (77°F)
Internal Resistance	4 mΩ

Capacity

Cold Crank Amps (CCA) 0°F / -18°C	680
Marine Crank Amps (MCA) 32°F / 0°C	900
Reserve Capacity (RC @ 25A)	180 Minutes
Reserve Capacity (RC @ 75A)	43 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	116 AH	1.16 A
@ 20 Hour Rate	105 AH	5.25 A
@ 10 Hour Rate	95 AH	9.5 A
@ 5 Hour Rate	86 AH	17.2 A

Cut Off Voltage	Constant Current Discharge					
	1 hr	2 hr	3 hr	5 hr	8 hr	10 hr
VPC	59.6	31.6	23.7	17.2	11.4	9.5

Specifications



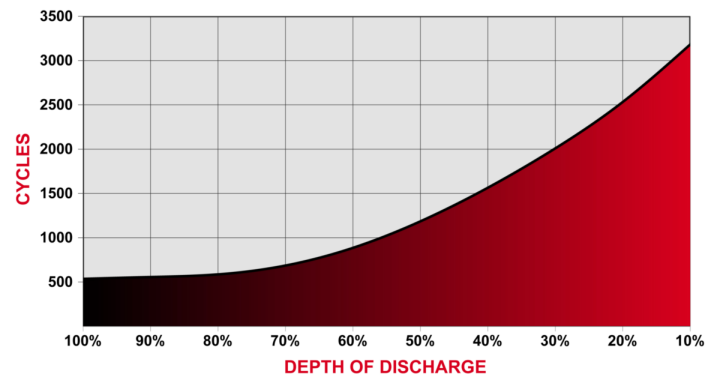
SAI GLOBAL
ISO 9001
Quality

Weight	30 kg	66 lbs
Length	30.7 cm	12.09"
Width	16.9 cm	6.65"
Height Inc. Term.	23.7 cm	9.33"

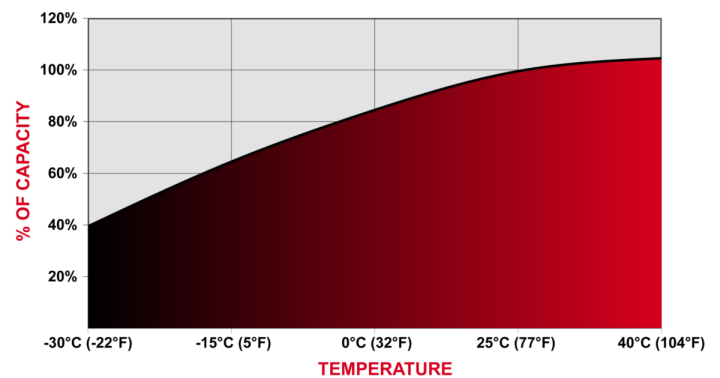
Product measurements & weights are calculated based on sample data. Individual specifications are subject to vary due to the manufacturing process, battery components & electrolyte levels.

Container	ABS
Cover	ABS
Handles	Rope / Plastic Handle

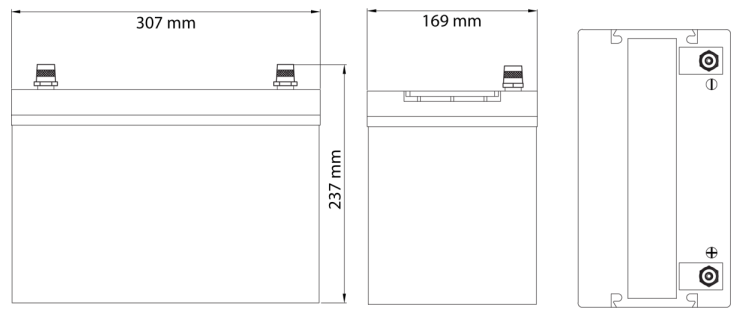
Cycle Life vs. Depth of Discharge



Capacity vs. Temperature



Detailed Illustration



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