

Rolls

AGM VRLA DEEP CYCLE BATTERY

S12-290AGM



LT - Lug Terminal

Series	AGM-S	Warranty	See Warranty Terms
Volts	12	BCI	8D
Cells	6		
Terminal Type	LT		
Included Hardware	Stainless Steel Nuts & Bolts		
Size & Thread	LT		

Charge

Charge Voltage Range	14.7V @ 25°C (77°F)
Float Voltage Range	13.8V @ 25°C (77°F)
Recommended Charge Current Capacity (String)	50 A
Maximum Charge Current (String)	80 A
Self-Discharge Rate	Less than 2% per month at 25°C (77°F)
Internal Resistance	1.8 mΩ

Capacity

Cold Crank Amps (CCA) 0°F / -17°C	1525
Marine Crank Amps (MCA) 32°F / 0°C	1830
Reserve Capacity (RC @ 25A)	578 Minutes
Reserve Capacity (RC @ 75A)	145 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	290 AH	2.9 A
@ 20 Hour Rate	260 AH	13 A
@ 10 Hour Rate	234 AH	23.4 A
@ 5 Hour Rate	214 AH	42.8 A

Cut Off Voltage

Constant Current Discharge

VPC	1 hr	2 hr	3 hr	5 hr	8 hr	10 hr
	148	78.3	58.9	42.3	28.3	23.4

Specifications



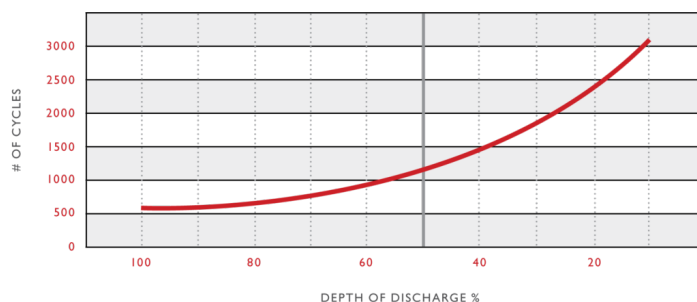
SAI GLOBAL
ISO 9001
Quality

Weight	77.5 kg	171 lbs
Length	52.1 cm	20.51"
Width	26.9 cm	10.59"
Height Inc. Term.	24.5 cm	9.65"

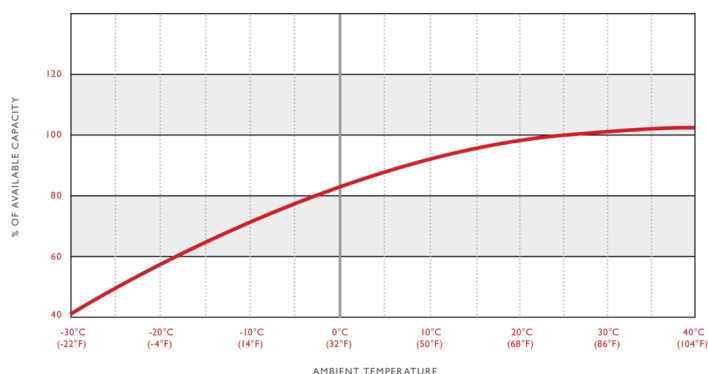
Product measurements & weights are calculated based on sample data. Individual specifications are subject to vary due to the manufacturing process, battery components & electrolyte levels.

Container	ABS
Cover	ABS
Handles	Rope

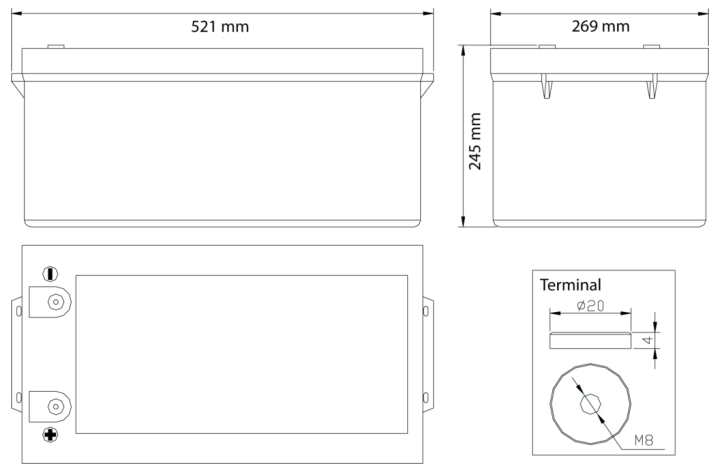
Cycle Life vs. Depth of Discharge



Capacity vs. Temperature



Detailed Illustration



Rev.#3 | May 2018