

Rolls

AGM VRLA DEEP CYCLE BATTERY

R12-100AGM



M8-TP08

Series	AGM-R	Warranty	See Warranty Terms
Volts	12	BCI	Grp 27
Cells	6		
Terminal Type	M8-TP8		
Included Hardware	Stainless Steel Nuts & Bolts		
Size & Thread	M8-TP8		

Charge

Charge Voltage Range	14.7V @ 25°C (77°F)
Float Voltage Range	13.8V @ 25°C (77°F)
Recommended Charge Current Capacity (String)	20 A
Maximum Charge Current (String)	30 A
Self-Discharge Rate	Less than 2% per month at 25°C (77°F)

Capacity

Cold Crank Amps (CCA) 0°F / -17°C	650
Marine Crank Amps (MCA) 32°F / 0°C	900
Reserve Capacity (RC @ 25A)	185 Minutes
Reserve Capacity (RC @ 75A)	45 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	110 AH	1.1 A
@ 20 Hour Rate	100 AH	5 A
@ 10 Hour Rate	86 AH	8.6 A
@ 5 Hour Rate	79 AH	15.8 A

Cut Off Voltage	Constant Current Discharge
VPC	1 hr 2 hr 3 hr 5 hr 8 hr 10 hr
	60 30.1 25.1 15.8 10.4 8.6

Specifications



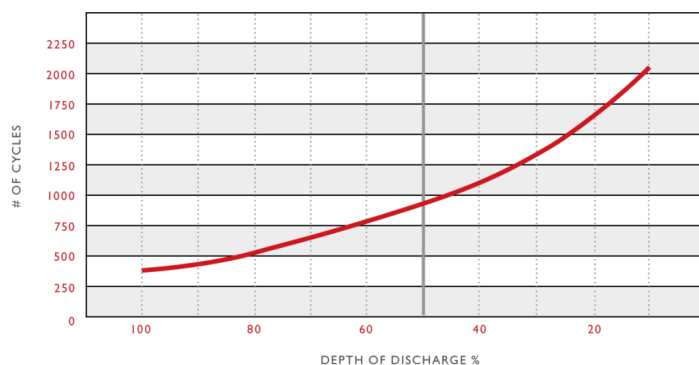
SAI GLOBAL
ISO 9001
Quality

Weight	27 kg	59.5 lbs
Length	30.6 cm	12.05"
Width	16.9 cm	6.65"
Height Inc. Term.	23.7 cm	9.33"

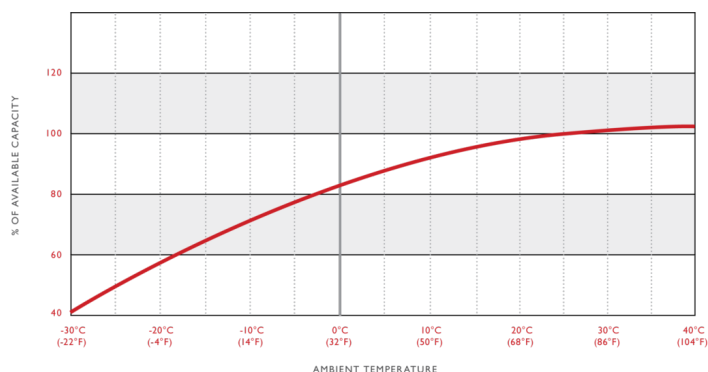
Product measurements & weights are calculated based on sample data. Individual specifications are subject to vary due to the manufacturing process, battery components & electrolyte levels.

Container	ABS
Cover	ABS
Handles	Rope / Plastic Handle

Cycle Life vs. Depth of Discharge



Capacity vs. Temperature



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