

# Rolls

## AGM VRLA DEEP CYCLE BATTERY

## S12-116AGM



**M8-TP08**

Series	AGM-S	Warranty	See Warranty Terms
Volts	12	BCI	Grp 27
Cells	6		
Terminal Type		M6-TP08	
Included Hardware		Stainless Steel Nuts & Bolts	
Size & Thread		M6-TP08	

### Charge

Charge Voltage Range	14.7V @ 25°C (77°F)
Float Voltage Range	13.8V @ 25°C (77°F)
Recommended Charge Current Capacity (String)	21 A
Maximum Charge Current (String)	36 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 / -17°C	680
Marine Crank Amps (MCA) 32°F / 0°C	820
Reserve Capacity (RC @ 25A)	175 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	<b>116 AH</b>	<b>1.16 A</b>
@ 20 Hour Rate	<b>105 AH</b>	<b>5.25 A</b>
@ 10 Hour Rate	<b>95 AH</b>	<b>9.5 A</b>
@ 5 Hour Rate	<b>86 AH</b>	<b>17.2 A</b>

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



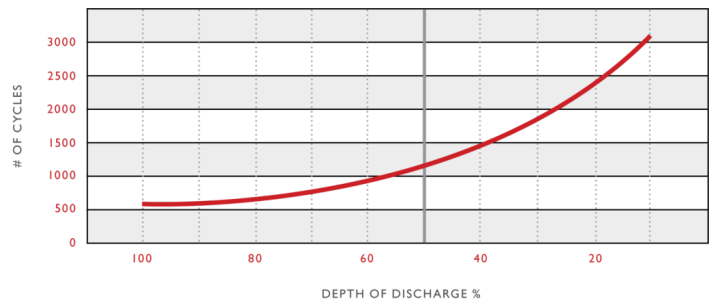
SAI GLOBAL  
ISO 9001  
Quality

Weight	30.5 kg	67 lbs
Length	30.7 cm	12.09"
Width	16.9 cm	6.65"
Height Inc. Term.	23.7 cm	9.33"

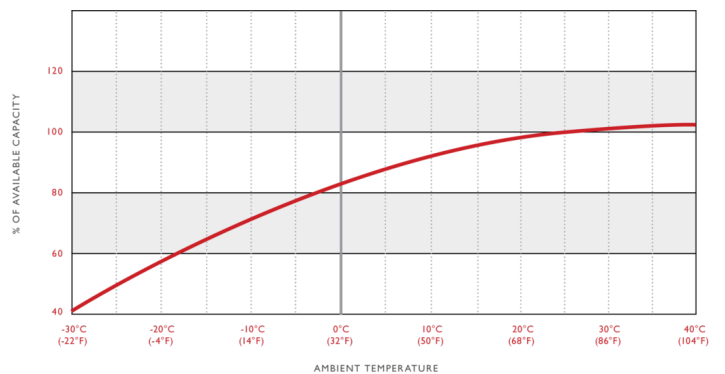
Product measurements & weights are calculated based on sample data. Individual specifications are subject to vary due to the manufacturing process, battery components & electrolyte levels.

Container	ABS
Cover	ABS
Handles	Rope / Plastic Handle

### Cycle Life vs. Depth of Discharge



### Capacity vs. Temperature



### Detailed Illustration

