

# Rolls

## AGM VRLA DEEP CYCLE BATTERY

## S2-1180AGM



**M8**

Series	AGM-S	Warranty	See Warranty Terms
Volts	2	BCI	SPEC
Cells	1		
Terminal Type	M8		
Included Hardware	Stainless Steel Nuts & Bolts		
Size & Thread	M8		

### Charge

Charge Voltage Range	2.45 V/cell @ 25°C (77°F)
Float Voltage Range	2.3 V/cell @ 25°C (77°F)
Recommended Charge Current Capacity (String)	220 A
Maximum Charge Current (String)	330 A
Self-Discharge Rate	Less than 2% per month at 25°C (77°F)

### Capacity

Reserve Capacity (RC @ 25A)	2736 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>1180 AH</b>	<b>11.8 A</b>
@ 20 Hour Rate	<b>1100 AH</b>	<b>55 A</b>
@ 10 Hour Rate	<b>1000 AH</b>	<b>100 A</b>
@ 5 Hour Rate	<b>915 AH</b>	<b>183 A</b>
Cut Off Voltage		Constant Current Discharge
VPC	1 hr	2 hr 3 hr 5 hr 8 hr 10 hr
	1200	726 530 356 244 199

### Specifications



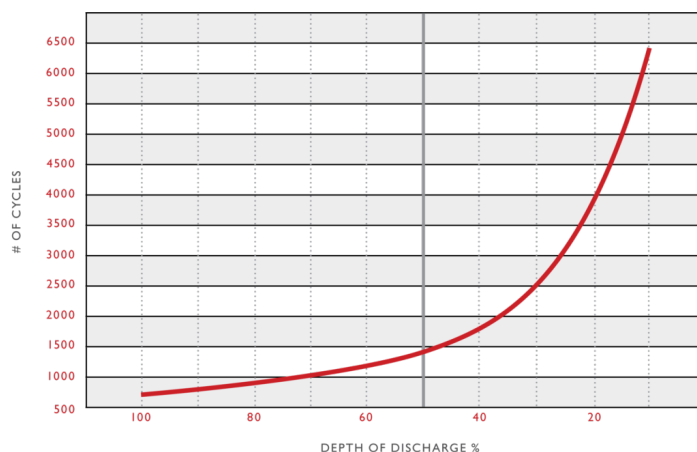
SAI GLOBAL  
ISO 9001  
Quality

Weight	73.5 kg	162 lbs
Length	47.4 cm	18.66"
Width	17.5 cm	6.89"
Height Inc. Term.	36.5 cm	14.37"

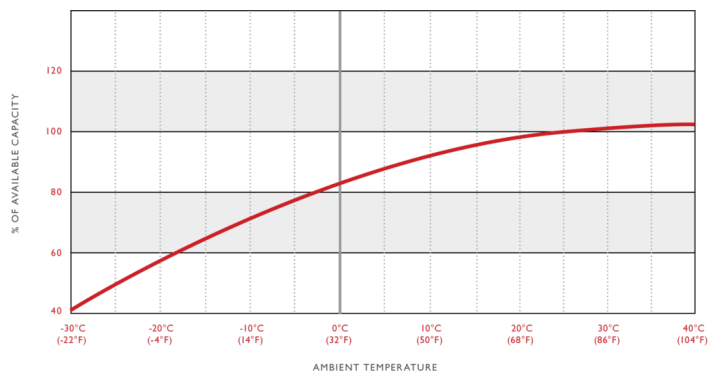
Product measurements & weights are calculated based on sample data. Individual specifications are subject to vary due to the manufacturing process, battery components & electrolyte levels.

Container	ABS
Cover	ABS
Handles	Built-in

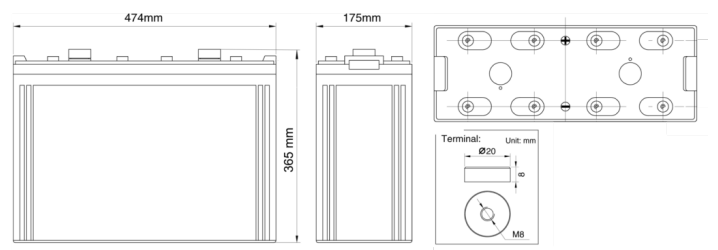
### Cycle Life vs. Depth of Discharge



### Capacity vs. Temperature



### Detailed Illustration



Rev.#3 | May 2018