

# Rolls

## FLOODED DEEP CYCLE BATTERY

S-290



Series	4000	Warranty	7 Years
Volts	6	BCI	GC2
Cells	3	Plates/Cell	19
Terminal Type	DT		
Included Hardware	S/S Hex Cap Screw, Nut, Lock & Flat Washer		
Size & Thread	5/16"-18 x 1-1/2"		

### Charge

Charge Voltage Range	2.45-2.5 V/cell @ 25°C (77°F)
Float Voltage Range	2.25 V/cell @ 25°C (77°F)
Recommended Charge Current Capacity (String)	30 A
Maximum Charge Current (String)	45 A
Self-Discharge Rate	5%-10% per month at 25°C (77°F)

### Capacity

Cold Crank Amps (CCA) 0°F / -17°C	625
Marine Crank Amps (MCA) 32°F / 0°C	781
Reserve Capacity (RC @ 25A)	445 Minutes
Reserve Capacity (RC @ 75A)	117 Minutes

Hour Rate	Capacity / AMP Hour	Current / AMPS
@ 100 Hour Rate	<b>294 AH</b>	<b>2.94 A</b>
@ 75 Hour Rate	<b>290 AH</b>	<b>4.03 A</b>
@ 50 Hour Rate	<b>274 AH</b>	<b>5.47 A</b>
@ 20 Hour Rate	<b>230 AH</b>	<b>11.5 A</b>
@ 15 Hour Rate	<b>219 AH</b>	<b>14.57 A</b>
@ 10 Hour Rate	<b>202 AH</b>	<b>20.24 A</b>
@ 8 Hour Rate	<b>198 AH</b>	<b>24.73 A</b>
@ 5 Hour Rate	<b>182 AH</b>	<b>36.34 A</b>
@ 1 Hour Rate	<b>92 AH</b>	<b>92 A</b>

Ampere hour capacity ratings based on specific gravity of 1.280. Reduce capacities 5% for specific gravity of 1.265 and 10% for 1.250.

### Specifications



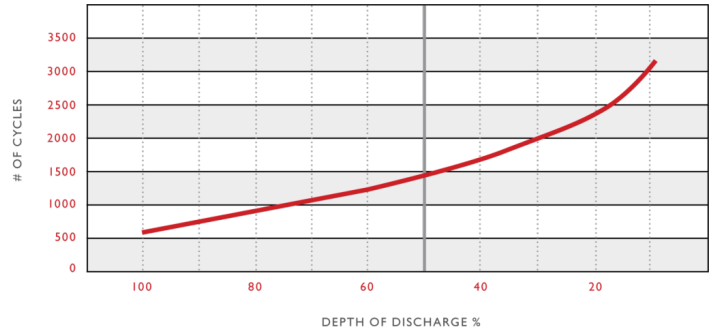
SAI GLOBAL  
ISO 9001  
Quality

Weight	31.5 kg	69.5 lbs
Length	25.9 cm	10.19"
Width	18.1 cm	7.13"
Height Inc. Term.	27.9 cm	11"

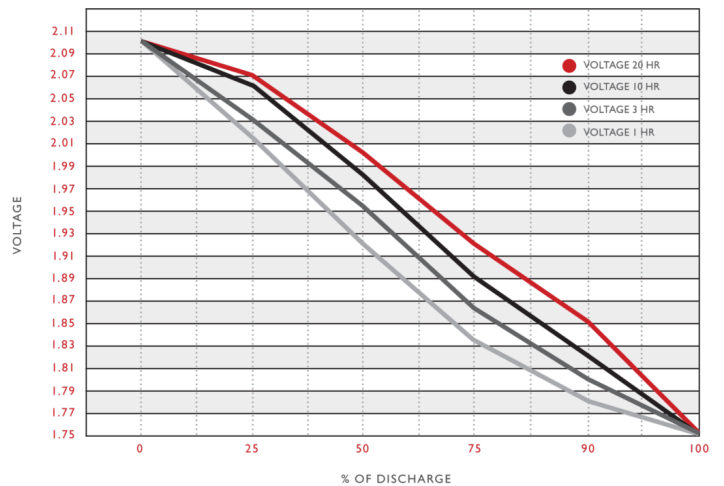
Product measurements & weights are calculated based on sample data. Individual specifications are subject to vary due to the manufacturing process, battery components & electrolyte levels.

Electrolyte Reserve	57 mm	2.25"
Container	Polypropylene	
Cover	Polypropylene	
Handles	Top Molded Strap Brackets	

### Cycle Life vs. Depth of Discharge



### Voltage vs. Depth of Discharge



Rev.#3 | May 2018