

# Rolls



## FLOODED DEEP CYCLE BATTERY

**2 YS 31P**



Series	5000	Warranty	5 Years
Volts	2	BCI	SPEC
Cells	1	Plates/Cell	31
Terminal Type	Flag		
Included Hardware	S/S Hex Cap Screw, Nut, Lock & Flat Washer		
Size & Thread	5/16"-18 x 1-1/2"		
Cables	19" 4/0 interconnect cables *RE incl.		

### 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)
Self-Discharge Rate	5%-10% per month at 25°C (77°F)

### Capacity

Cold Crank Amps (CCA) 0°F / -17°C	5741
Marine Crank Amps (MCA) 32°F / 0°C	7176
Reserve Capacity (RC @ 25A)	5832 Minutes
Reserve Capacity (RC @ 75A)	1944 Minutes

Hour Rate	Capacity / AMP Hour	Current / AMPs
@ 100 Hour Rate	<b>3426 AH</b>	<b>34.26 A</b>
@ 72 Hour Rate	<b>3232 AH</b>	<b>44.89 A</b>
@ 50 Hour Rate	<b>2989 AH</b>	<b>59.78 A</b>
@ 20 Hour Rate	<b>2430 AH</b>	<b>121.50 A</b>
@ 15 Hour Rate	<b>2260 AH</b>	<b>150.66 A</b>
@ 10 Hour Rate	<b>2017 AH</b>	<b>201.69 A</b>
@ 8 Hour Rate	<b>1895 AH</b>	<b>236.93 A</b>
@ 5 Hour Rate	<b>1628 AH</b>	<b>325.62 A</b>
@ 1 Hour Rate	<b>826 AH</b>	<b>826.20 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



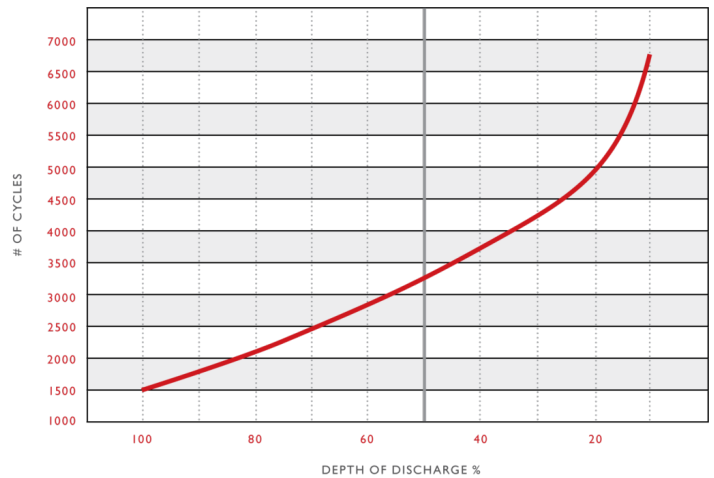
SAI GLOBAL  
ISO 9001  
Quality

Weight	129 kg	284.5 lbs
Length	39.4 cm	15.5"
Width	22.9 cm	9"
Height Inc. Term.	80.3 cm	31.63"

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	95 mm	3.75"
Container (Inner)	Polypropylene	
Cover (Inner)	Polypropylene - heat sealed to inner container	
Container (Outer)	High Density Polyethylene	
Cover (Outer)	High Density Polyethylene snap fit to outer container	
Handles	Molded	

### Cycle Life vs. Depth of Discharge



### Voltage vs. Depth of Discharge

