

# Rolls



## FLOODED DEEP CYCLE BATTERY

2 YS 62P



Series	5000	Warranty	5 Years
Volts	2	BCI	SPEC
Cells	2	Plates/Cell	31
Terminal Type	Flag		
Included Hardware	S/S Hex Cap Screw, Nut, Lock & Flat Washer		
Size & Thread	5/16"-18		
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 / -18°C	5741			
Marine Crank Amps (MCA) 32°F / 0°C	7176			
Reserve Capacity (RC @ 25A)	12131 Minutes			
Reserve Capacity (RC @ 75A)	4044 Minutes			
Capacity Affect by Temperature	40°C (104°F)	25°C (77°F)	0°C (32°F)	-15°C (5°F)
	105%	100%	75%	50%

Hour Rate	Capacity / AMP Hour	Current / AMPS
@ 100 Hour Rate	<b>6520 AH</b>	<b>65.20 A</b>
@ 72 Hour Rate	<b>6166 AH</b>	<b>85.64 A</b>
@ 50 Hour Rate	<b>5838 AH</b>	<b>116.76 A</b>
@ 20 Hour Rate	<b>5054 AH</b>	<b>252.72 A</b>
@ 15 Hour Rate	<b>4701 AH</b>	<b>313.37 A</b>
@ 10 Hour Rate	<b>4498 AH</b>	<b>449.84 A</b>
@ 8 Hour Rate	<b>4347 AH</b>	<b>543.35 A</b>
@ 5 Hour Rate	<b>4044 AH</b>	<b>808.70 A</b>
@ 1 Hour Rate	<b>2274 AH</b>	<b>2274.48 A</b>

Amphere hour capacity ratings based on specific gravity of 1.280 at 25°C (77°F). Reduce capacities 5% for specific gravity of 1.265 and 10% for 1.250.

### Specifications



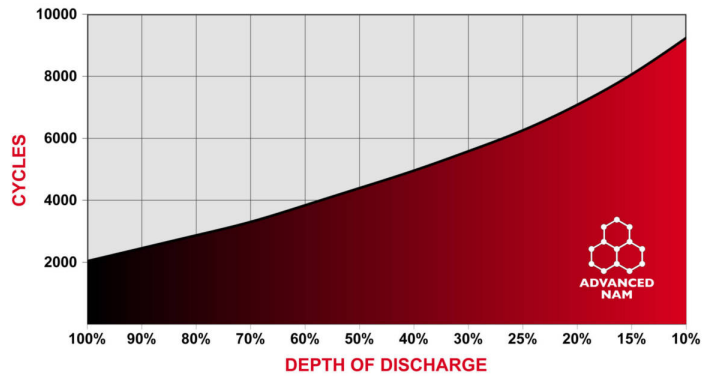
SAI GLOBAL  
ISO 9001  
Quality

Weight	258.5 kg	570 lbs
Length	69.5 cm	27.38"
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

DISCHARGE	0%	25%	50%	75%	100%
20 HR AH RATE	2.10 V	2.05 V	2.02 V	1.96 V	1.75 V
6 HR AH RATE	2.10 V	2.04 V	2.00 V	1.95 V	1.75 V
1 HR AH RATE	2.10 V	2.03 V	1.99 V	1.94 V	1.75 V

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