

## FLOODED DEEP CYCLE BATTERY

## 2 KS 33P



Series	5000	Warranty	5 Years
Volts	2	BCI	SPEC
Cells	1	Plates/Cell	33
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	4406			
Marine Crank Amps (MCA) 32°F / 0°C	5508			
Reserve Capacity (RC @ 25A)	4408 Minutes			
Reserve Capacity (RC @ 75A)	1469 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>2369 AH</b>	<b>23.69 A</b>
@ 72 Hour Rate	<b>2241 AH</b>	<b>31.12 A</b>
@ 50 Hour Rate	<b>2121 AH</b>	<b>42.43 A</b>
@ 20 Hour Rate	<b>1837 AH</b>	<b>91.83 A</b>
@ 15 Hour Rate	<b>1708 AH</b>	<b>113.87 A</b>
@ 10 Hour Rate	<b>1635 AH</b>	<b>163.46 A</b>
@ 8 Hour Rate	<b>1580 AH</b>	<b>197.44 A</b>
@ 5 Hour Rate	<b>1469 AH</b>	<b>293.86 A</b>
@ 1 Hour Rate	<b>826 AH</b>	<b>826.49 A</b>

Ampere hour capacity ratings based on specific gravity of 1.280 at 27°C (80°F). Reduce capacities 5% for specific gravity of 1.265 and 10% for 1.250.

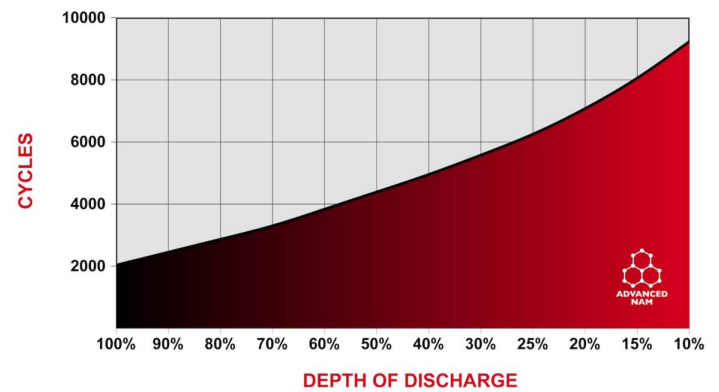
### Specifications

 SAI GLOBAL ISO 9001 Quality	Weight	94 kg	207 lbs
	Length	39.2 cm	15.44"
	Width	21.1 cm	8.31"
	Height Inc. Term.	63 cm	24.81"

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

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

Rev.#3 | May 2019