

Rolls



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	2369 AH	23.69 A
@ 72 Hour Rate	2241 AH	31.12 A
@ 50 Hour Rate	2121 AH	42.43 A
@ 20 Hour Rate	1837 AH	91.83 A
@ 15 Hour Rate	1708 AH	113.87 A
@ 10 Hour Rate	1635 AH	163.46 A
@ 8 Hour Rate	1580 AH	197.44 A
@ 5 Hour Rate	1469 AH	293.86 A
@ 1 Hour Rate	826 AH	826.49 A

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



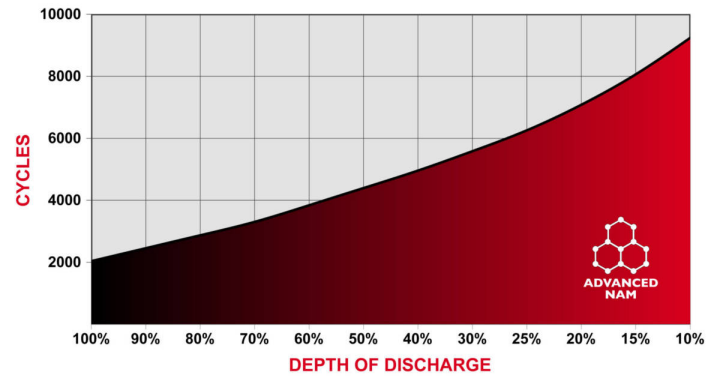
SAI GLOBAL
ISO 9001
Quality

Weight	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 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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