FLOODED DEEP CYCLE BATTERY

2 KS 33P

Series	5000	Warranty	5 Years
Volts	2	Design	SPEC
Cells	1	Plates/Cell	33
Terminal Type		Flag	
Included Hardware		S/S Hex Cap Screw, Nut, Lock & Flat Washer	
Size & Threads		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**

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

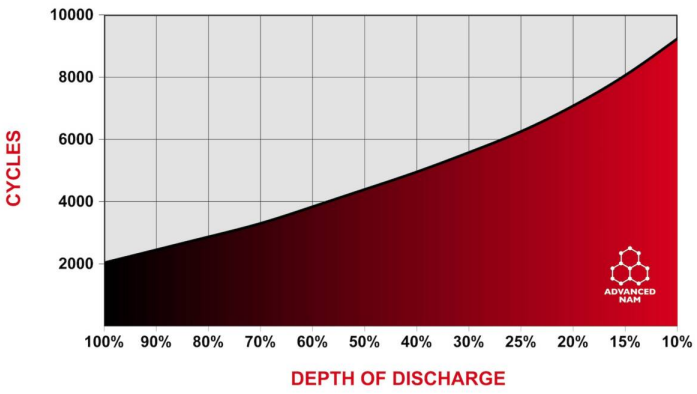
Weight	94 kg	207 lbs
Length	392 mm	15.44"
Width	211 mm	8.31"
Height Incl. Term.	630 mm	24.81"

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	

- Plastics are UL94 HB (UL94-V2 available)
- Plastics are impact copolymer rated to ASTM D256, D5420
- Vented design with integral flame arrestor vent caps

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

BATTERY COUNCIL INTERNATIONAL

Designed in compliance with applicable BCI, DIN, BS & IEC standards.
Tested in compliance to BCI & IEC standards.

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