

FLOODED DEEP CYCLE BATTERY

2 KS 33P



Series	FLA 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 & Thread	5/16"-18		
Cables	19" 4/0 interconnect cables *RE incl.		

Charge | Discharge

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

Specifications

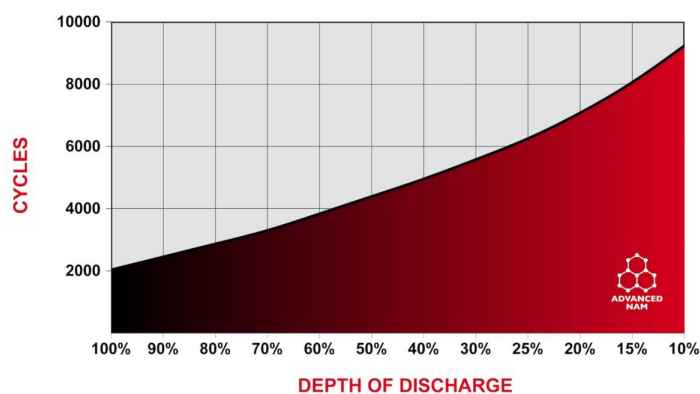
Weight	94 kg	207 lbs
Length	392 mm	15.44"
Width	211 mm	8.31"
Height Incl. Term.	630 mm	24.81"

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



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



Rev.#4 | August 2024