

FLOODED DEEP CYCLE BATTERY

4 KS 27P



Series	5000	Warranty	5 Years
Volts	4	BCI	SPEC
Cells	2	Plates/Cell	27
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	3580
Marine Crank Amps (MCA) 32°F / 0°C	4475
Reserve Capacity (RC @ 25A)	3644 Minutes
Reserve Capacity (RC @ 75A)	1215 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	1959 AH	19.59 A
@ 72 Hour Rate	1852 AH	25.73 A
@ 50 Hour Rate	1754 AH	35.08 A
@ 20 Hour Rate	1518 AH	75.92 A
@ 15 Hour Rate	1412 AH	94.14 A
@ 10 Hour Rate	1351 AH	135.14 A
@ 8 Hour Rate	1306 AH	163.23 A
@ 5 Hour Rate	1215 AH	242.94 A
@ 1 Hour Rate	683 AH	683.28 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.

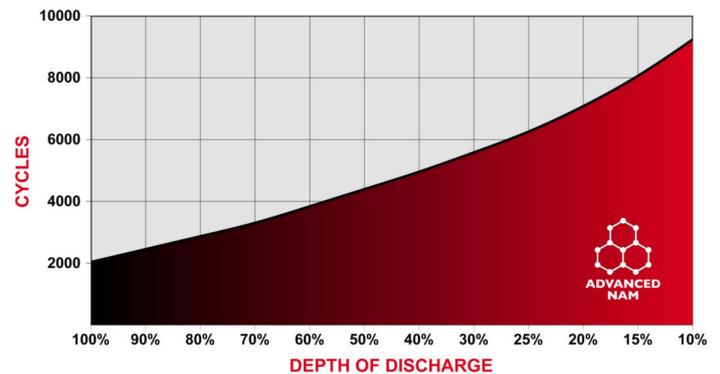
Specifications

	Weight	153.5 kg	338.5 lbs
	Length	40 cm	15.75"
	Width	27 cm	10.63"
	Height Inc. Term.	62.9 cm	24.75"

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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