



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

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

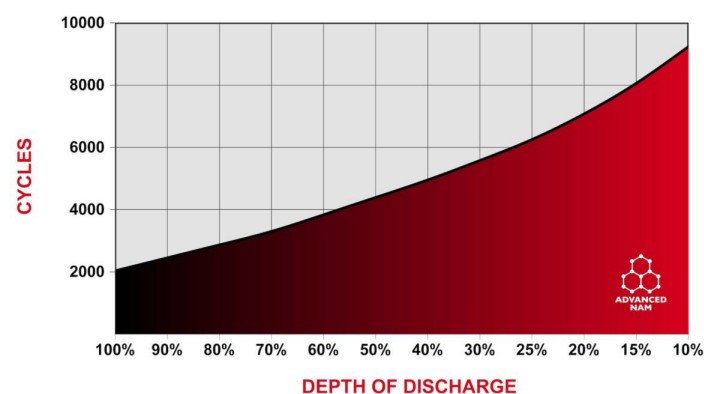
Certified System SAI GLOBAL ISO 9001 Quality	Weight	94 kg	207 lbs
	Length	392 mm	15.44"
	Width	211 mm	8.31"
	Height Incl. Term.	630 mm	24.81"

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.



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