



Series	4500	Warranty	4 Years
Volts	6	Design	L16
Cells	3	Plates/Cell	11
Terminal Type	LT		
Included Hardware	S/S Hex Cap Screw, Nut, Lock & Flat Washer		
Size & Thread	5/16"-18		
Cables	Optional: 19" 4/0 interconnect cable		

### 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)
Recommended Charge Current	45 A
Maximum Charge Current	70 A
Self-Discharge Rate	5%-10% per month at 25°C (77°F)

### Capacity

Cold Crank Amps (CCA) 0°F / -18°C	871
Marine Crank Amps (MCA) 32°F / 0°C	1088
Reserve Capacity (RC @ 25A)	890 Minutes
Reserve Capacity (RC @ 75A)	297 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	<b>479 AH</b>	<b>4.79 A</b>
@ 72 Hour Rate	<b>453 AH</b>	<b>6.29 A</b>
@ 50 Hour Rate	<b>429 AH</b>	<b>8.57 A</b>
@ 20 Hour Rate	<b>371 AH</b>	<b>18.55 A</b>
@ 15 Hour Rate	<b>345 AH</b>	<b>23.00 A</b>
@ 10 Hour Rate	<b>330 AH</b>	<b>33.02 A</b>
@ 8 Hour Rate	<b>319 AH</b>	<b>39.88 A</b>
@ 5 Hour Rate	<b>297 AH</b>	<b>59.36 A</b>
@ 1 Hour Rate	<b>167 AH</b>	<b>166.95 A</b>

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

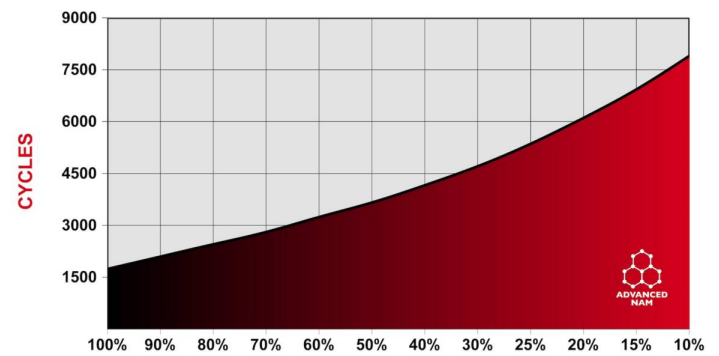
 SAI GLOBAL ISO 9001 Quality	Weight	59 kg	130 lbs
	Length	318 mm	12.5"
	Width	181 mm	7.13"
	Height Incl. Term.	425.5 mm	16.75"

Product measurements & weights are calculated based on sample data. Individual specifications are subject to vary due to the manufacturing process & battery components.

Electrolyte Reserve	57 mm	2.25"
Container	High Density Polypropylene	
Cover	High Density Polypropylene	
Handles	Rope / Plastic Handle	

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

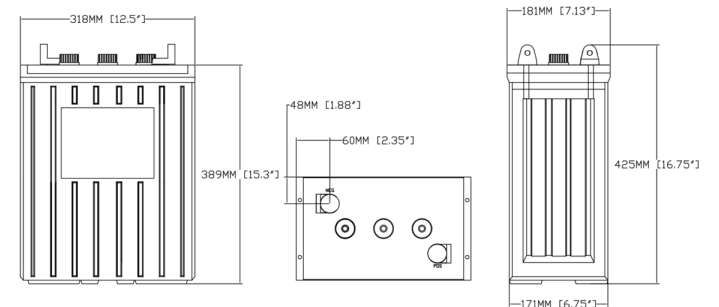
### Cycle Life vs. Depth of Discharge



### 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

### Detailed Illustration



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

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