



Series	FS	Warranty	1 Year
Volts	8	Design	GC8
Cells	4	Plates/Cell	11
Terminal Type	UTL		
Included Hardware	Stainless Steel K-Lock Nut		
Size & Thread	5/16"-18		

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	20 A
Maximum Charge Current	30 A
Self-Discharge Rate	5%-10% per month at 25°C (77°F)

Capacity

Cold Crank Amps (CCA) 0°F / -18°C	469
Marine Crank Amps (MCA) 32°F / 0°C	586
Reserve Capacity (RC @ 25A)	280 Minutes
Reserve Capacity (RC @ 56A)	100 Minutes
Reserve Capacity (RC @ 75A)	69 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	198 AH	1.98 A
@ 72 Hour Rate	195 AH	2.71 A
@ 50 Hour Rate	184 AH	3.69 A
@ 20 Hour Rate	155 AH	7.75 A
@ 15 Hour Rate	147 AH	9.82 A
@ 10 Hour Rate	136 AH	13.64 A
@ 8 Hour Rate	133 AH	16.66 A
@ 5 Hour Rate	122 AH	24.49 A
@ 1 Hour Rate	62 AH	62 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

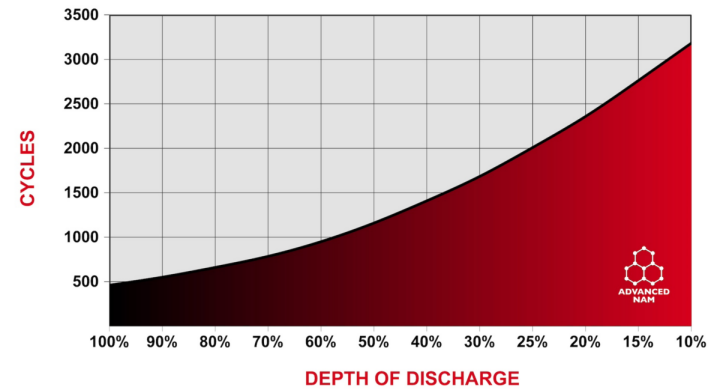
Certified System SAI GLOBAL ISO 9001 Quality	Weight	27 kg	59.5 lbs
	Length	259 mm	10.19"
	Width	181 mm	7.13"
	Height Incl. Term.	279 mm	11"

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	Polypropylene	
Cover	Polypropylene	
Handles	Top Molded Strap Brackets	

- 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	2.07 V	2.00 V	1.92 V	1.75 V
10 HR AH RATE	2.10 V	2.06 V	1.98 V	1.89 V	1.75 V
3 HR AH RATE	2.10 V	2.03 V	1.95 V	1.86 V	1.75 V
1 HR AH RATE	2.10 V	2.01 V	1.93 V	1.84 V	1.75 V

Detailed Illustration

