

Rolls



FLOODED DEEP CYCLE BATTERY

S6 250



Series	4000	Warranty	3 Years
Volts	6	BCI	901
Cells	3	Plates/Cell	19
Terminal Type	DT		
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	35 A
Maximum Charge Current	55 A
Self-Discharge Rate	5%-10% per month at 25°C (77°F)

Capacity

Cold Crank Amps (CCA) 0°F / -18°C	799
Marine Crank Amps (MCA) 32°F / 0°C	998
Reserve Capacity (RC @ 25A)	544 Minutes
Reserve Capacity (RC @ 75A)	143 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	360 AH	3.6 A
@ 72 Hour Rate	354 AH	4.92 A
@ 50 Hour Rate	334 AH	6.69 A
@ 20 Hour Rate	281 AH	14.05 A
@ 15 Hour Rate	267 AH	17.8 A
@ 10 Hour Rate	247 AH	24.73 A
@ 8 Hour Rate	242 AH	30.21 A
@ 5 Hour Rate	222 AH	44.4 A
@ 1 Hour Rate	112 AH	112.4 A

Amphere hour capacity ratings based on specific gravity of 1.280 at 25°C (77°F). Reduce capacities 5% for specific gravity of 1.265 and 10% for 1.250.

Specifications



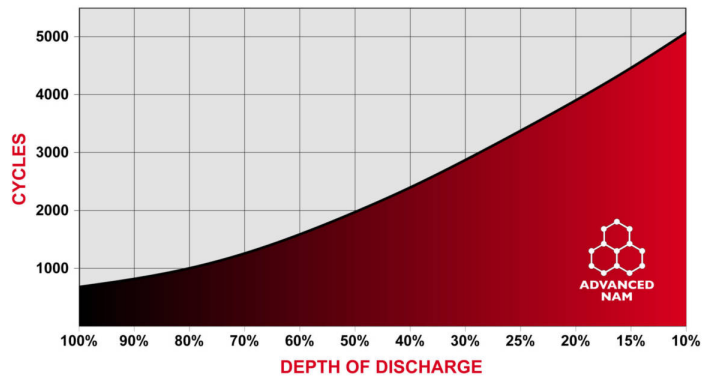
SAI GLOBAL
ISO 9001
Quality

Weight	40 kg	88 lbs
Length	29.8 cm	11.75"
Width	18.1 cm	7.13"
Height Inc. Term.	28.6 cm	11.25"

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	44 mm	1.75"
Container	Polypropylene	
Cover	Polypropylene	

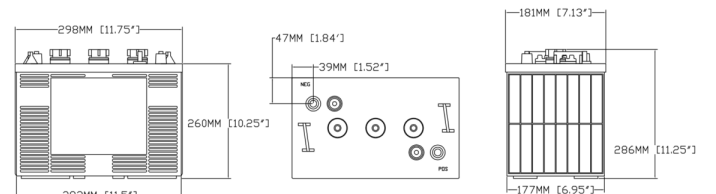
Cycle Life vs. Depth of Discharge



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



Rev.#1 | March 2019