FLOODED DEEP CYCLE BATTERY

S2 L16-HC

Specifications

Certified System™
SAI GLOBAL
ISO 9001 Quality

Weight	57.5 kg	127 lbs
Length	31.8 cm	12.5"
Width	18.1 cm	7.13"
Height Inc. Term.	43.2 cm	17"

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	

Series	4000	Warranty	3 Years
Volts	2	BCI	L16
Cells	1	Plates/Cell	49
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	155 A
Maximum Charge Current	255 A
Self-Discharge Rate	5%-10% per month at 25°C (77°F)

Cycle Life vs. Depth of Discharge

Capacity

Cold Crank Amps (CCA) 0°F / -18°C	3119
Marine Crank Amps (MCA) 32°F / 0°C	3898
Reserve Capacity (RC @ 25A)	2584 Minutes
Reserve Capacity (RC @ 75A)	679 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%

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

Hour Rate	Capacity / AMP Hour	Current / AMPs
@ 100 Hour Rate	1535 AH	15.35 A
@ 72 Hour Rate	1495 AH	20.77 A
@ 50 Hour Rate	1442 AH	28.84 A
@ 20 Hour Rate	1335 AH	66.75 A
@ 15 Hour Rate	1255 AH	83.66 A
@ 10 Hour Rate	1202 AH	120.15 A
@ 8 Hour Rate	1148 AH	143.51 A
@ 5 Hour Rate	1068 AH	213.60 A
@ 1 Hour Rate	627 AH	627.45 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.
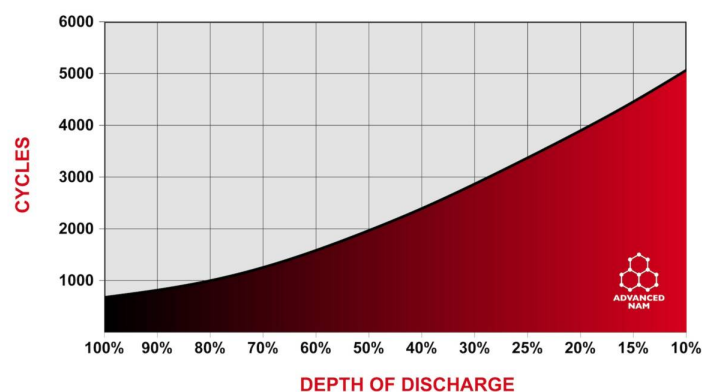
Detailed Illustration

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