

Battery S6 L16-EX



FLOODED DEEP CYCLE BATTERY S6 L16-EX



SAI GLOBAL
ISO 9001
Quality

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

Specifications

Weight	59 kg	130 lbs
Length	31.8 cm	12.5"
Width	18.1 cm	7.13"
Height Inc. Term.	42.55 cm	16.75"
Electrolyte Reserve	57 mm	2.25"
Container	High Density Polypropylene	
Cover	High Density Polypropylene	
Handles	Rope / Plastic Handle	

Cycle Life vs. Depth of Discharge

Series	4500	Warranty	4 Years
Volts	6	BCI	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 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)

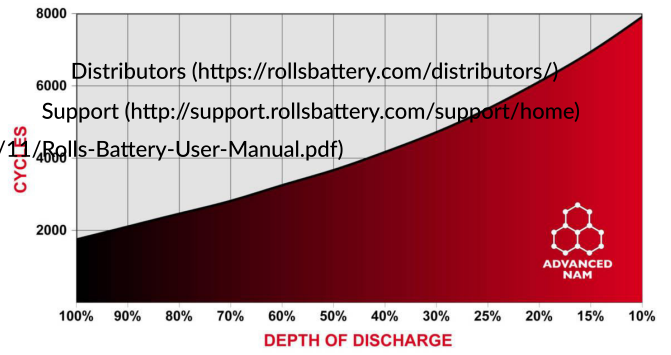
Capacity

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	479 AH	4.79 A
@ 72 Hour Rate	453 AH	6.29 A
@ 50 Hour Rate	429 AH	8.57 A
@ 20 Hour Rate	371 AH	18.55 A
@ 15 Hour Rate	345 AH	23.00 A
@ 10 Hour Rate	330 AH	33.02 A
@ 8 Hour Rate	319 AH	39.88 A
@ 5 Hour Rate	297 AH	59.36 A
@ 1 Hour Rate	167 AH	166.95 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.



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 Manual (</wp-content/uploads/2019/11/Rolls-Battery-User-Manual.pdf>)

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

