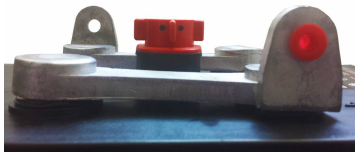
FLOODED DEEP CYCLE BATTERY

S2 L16



Series	FLA SERIES 4000	Warranty	3 Years
Volts	2	Design	L16
Cells	1	Plates/Cell	43
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 | Discharge

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	135 A
Maximum Charge Current	225 A
Self-Discharge Rate	5%-10% per month at 25°C (77°F)

Capacity

Cold Crank Amps (CCA) 0°F / -18°C	2729
Marine Crank Amps (MCA) 32°F / 0°C	3411
Reserve Capacity (RC @ 25A)	2263 Minutes
Reserve Capacity (RC @ 75A)	594 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	**1344 AH**	**13.44 A**
@ 72 Hour Rate	**1309 AH**	**18.18 A**
@ 50 Hour Rate	**1263 AH**	**25.25 A**
@ 20 Hour Rate	**1169 AH**	**58.45 A**
@ 15 Hour Rate	**1099 AH**	**73.26 A**
@ 10 Hour Rate	**1052 AH**	**105.21 A**
@ 8 Hour Rate	**1005 AH**	**125.67 A**
@ 5 Hour Rate	**935 AH**	**187.04 A**
@ 1 Hour Rate	**549 AH**	**549.43 A**

Specifications

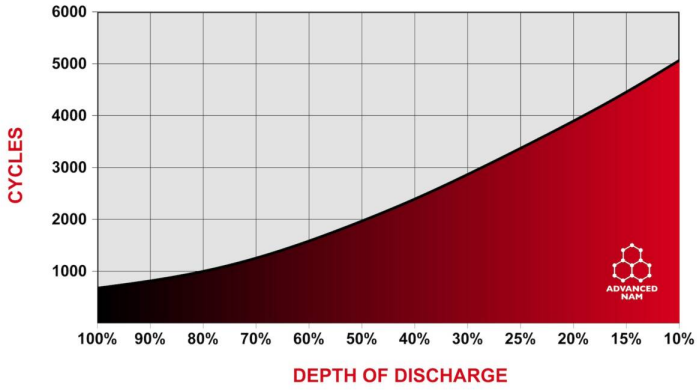
Weight	54.5 kg	120 lbs
Length	318 mm	12.5"
Width	181 mm	7.13"
Height Incl. Term.	432 mm	17"

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	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

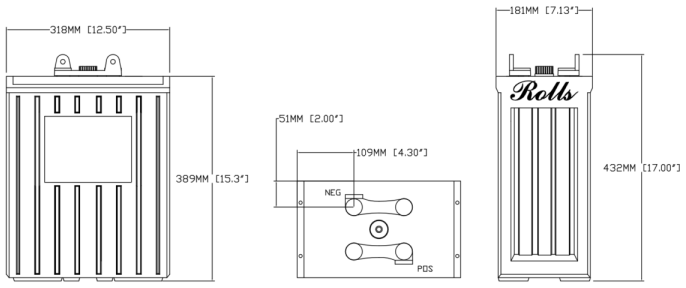
Cycle Life vs. Depth of Discharge



Voltage vs. Depth of Discharge

DISCHARGE	0%	25%	50%	75%	100%
20 HR AH RATE	2.10 V	2.07 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



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

intertek
0122624

Rev.#3 | August 2024