

Series	4000	Warranty	3 Years
Volts	2	Design	L16
Cells	1	Plates/Cell	53
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	175 A
Maximum Charge Current	290 A
Self-Discharge Rate	5%-10% per month at 25°C (77°F)

Capacity

Cold Crank Amps (CCA) 0°F / -18°C		3378			
Marine Crank Amps (MCA) 32°F / 0°C		4223			
Reserve Capacity (RC @ 25A)		2909 Minutes			
Reserve Capacity (RC @ 75A)		764 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	1728 AH	17.28 A
@ 72 Hour Rate	1683 AH	23.38 A
@ 50 Hour Rate	1623 AH	32.46 A
@ 20 Hour Rate	1503 AH	75.15 A
@ 15 Hour Rate	1413 AH	94.19 A
@ 10 Hour Rate	1353 AH	135.27 A
@ 8 Hour Rate	1293 AH	161.57 A
@ 5 Hour Rate	1202 AH	240.48 A
@ 1 Hour Rate	706 AH	706.41 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

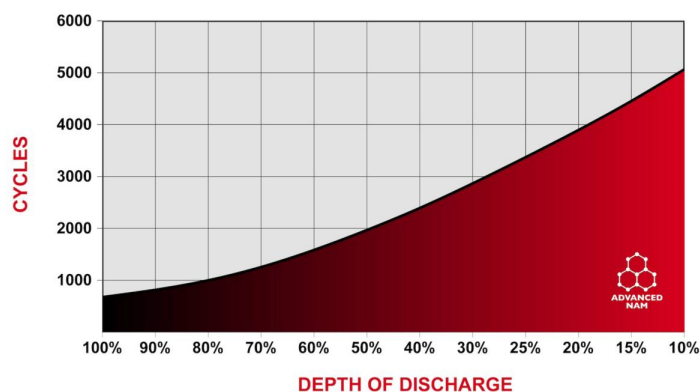
Weight	59 kg	130 lbs
Length	318 mm	12.5"
Width	181 mm	7.13"
Height Incl. Term.	432 mm	17"

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	High Density 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

