

## FLOODED DEEP CYCLE BATTERY







Series	4000	Warranty	3 Years	
Volts	6	Design	L16	
Cells	3	Plates/Cell	17	
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	50 A		
Maximum Charge Current	85 A		
Self-Discharge Rate	5%-10% per month at 25°C (77°F)		

Capacity					
Cold Crank Amps (CCA) 0°F / -18°C			1040		
Marine Crank Amps (MCA) 32°F / 0°C			1299		
Reserve Capacity (RC @ 25A)			861 Minutes		
Reserve Capacity (RC @ 75A)			226 Minutes		
Capacity Affect by Temperature	40°C (104°F)	25°C (77°F)		-15°C (5°F)	
	105%	100%	75%	50%	

Hour Rate	Capacity / AMP Hour	Current / AMPs
@ 100 Hour Rate	512 AH	5.12 A
@ 72 Hour Rate	498 AH	6.92 A
@ 50 Hour Rate	481 AH	9.61 A
@ 20 Hour Rate	445 AH	22.25 A
@ 15 Hour Rate	418 AH	27.89 A
@ 10 Hour Rate	401 AH	40.05 A
@ 8 Hour Rate	383 AH	47.84 A
@ 5 Hour Rate	356 AH	71.20 A
@ 1 Hour Rate	209 AH	209.15 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.

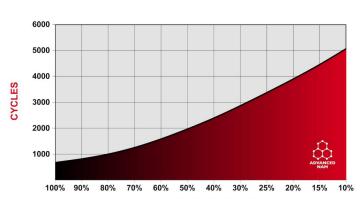
Specifications			
Weight	55.5 kg	122.5 lbs	
Length	318 mm	12.5"	
Width	181 mm	7.13"	
Height Incl. Term.	425.5 mm	16.75"	

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

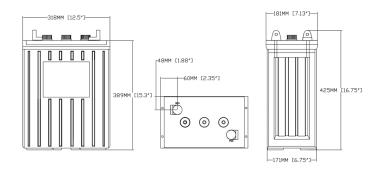


**DEPTH OF DISCHARGE** 

## 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.