

FLOODED DEEP CYCLE BATTERY

8 HHG 31P



Series	4000	Warranty	See Warranty Terms
Volts	8	Design	SLI
Cells	4	Plates/Cell	31
Terminal Type	Flag RR		
Included Hardware	S/S Hex Cap Screw, Nut, Lock & Flat Washer		
Size & Thread	5/16"-18		

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)
Self-Discharge Rate	5%-10% per month at 25°C (77°F)

Capacity

Cold Crank Amps (CCA) 0°F / -18°C		1337			
Marine Crank Amps (MCA) 32°F / 0°C		1671			
Reserve Capacity (RC @ 25A)		826 Minutes			
Reserve Capacity (RC @ 75A)		275 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	458 AH	4.58 A
@ 72 Hour Rate	433 AH	6.02 A
@ 50 Hour Rate	409 AH	8.19 A
@ 20 Hour Rate	344 AH	17.2 A
@ 15 Hour Rate	327 AH	21.79 A
@ 10 Hour Rate	303 AH	30.27 A
@ 8 Hour Rate	296 AH	36.98 A
@ 5 Hour Rate	272 AH	54.35 A
@ 1 Hour Rate	138 AH	137.6 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

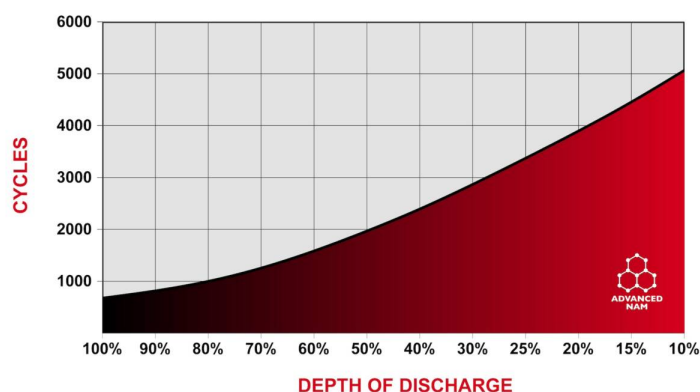
Weight	75.5 kg	166.5 lbs
Length	686 mm	27"
Width	203 mm	8"
Height Incl. Term.	302 mm	11.88"

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

Electrolyte Reserve	70 mm	2.75"
Container (Inner)	Polypropylene	
Cover (Inner)	Polypropylene - heat sealed to inner container	
Container (Outer)	High Density Polyethylene	
Cover (Outer)	High Density Polyethylene snap fit to outer container	
Handles	Molded	

- 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