

Rolls



FLOODED DEEP CYCLE BATTERY

8 HHG 31P



Series	4000	Warranty	See Warranty Terms
Volts	8	BCI	SPEC
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

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.

Specifications



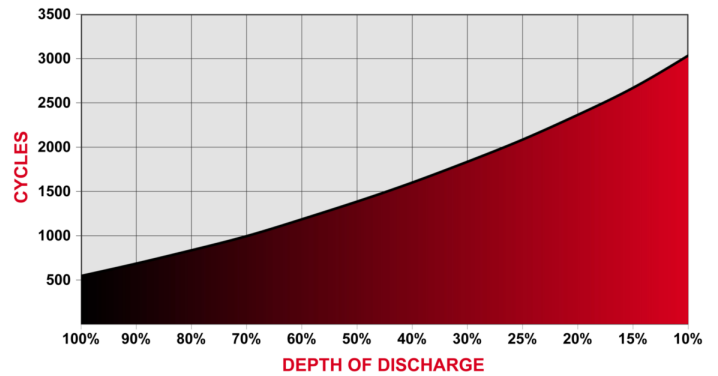
SAI GLOBAL
ISO 9001
Quality

Weight	75.5 kg	166.5 lbs
Length	68.6 cm	27"
Width	20.3 cm	8"
Height Inc. Term.	30.2 cm	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 levels.

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	

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

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