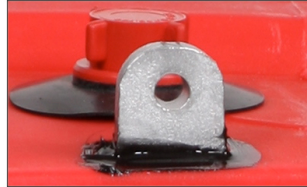


# Rolls



## FLOODED DEEP CYCLE BATTERY

## 8 HHG 29P



Series	4000	Warranty	3 Years
Volts	8	BCI	SPEC
Cells	4	Plates/Cell	29
Terminal Type	Flag L		
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	1446
Marine Crank Amps (MCA) 32°F / 0°C	1807
Reserve Capacity (RC @ 25A)	720 Minutes
Reserve Capacity (RC @ 75A)	240 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	<b>399 AH</b>	<b>3.99 A</b>
@ 72 Hour Rate	<b>378 AH</b>	<b>5.25 A</b>
@ 50 Hour Rate	<b>357 AH</b>	<b>7.14 A</b>
@ 20 Hour Rate	<b>300 AH</b>	<b>15 A</b>
@ 15 Hour Rate	<b>285 AH</b>	<b>19 A</b>
@ 10 Hour Rate	<b>264 AH</b>	<b>26.4 A</b>
@ 8 Hour Rate	<b>258 AH</b>	<b>32.25 A</b>
@ 5 Hour Rate	<b>237 AH</b>	<b>47.4 A</b>
@ 1 Hour Rate	<b>120 AH</b>	<b>120 A</b>

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

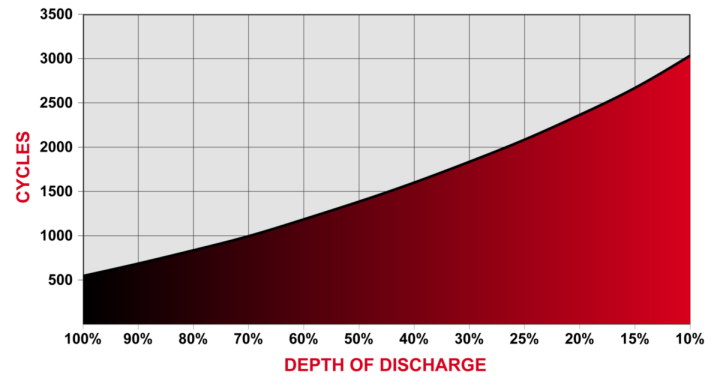


Weight	68 kg	150 lbs
Length	68.6 cm	27"
Width	18.4 cm	7.25"
Height Inc. Term.	30.5 cm	12"

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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