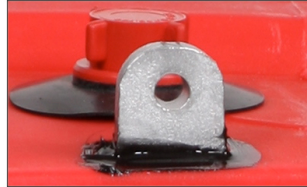


Rolls



FLOODED DEEP CYCLE BATTERY

8 M 23P



Series	4000	Warranty	3 Years
Volts	8	BCI	SPEC
Cells	4	Plates/Cell	23
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	891
Marine Crank Amps (MCA) 32°F / 0°C	1114
Reserve Capacity (RC @ 25A)	576 Minutes
Reserve Capacity (RC @ 75A)	192 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	319 AH	3.19 A
@ 72 Hour Rate	302 AH	4.2 A
@ 50 Hour Rate	286 AH	5.71 A
@ 20 Hour Rate	240 AH	12 A
@ 15 Hour Rate	228 AH	15.2 A
@ 10 Hour Rate	211 AH	21.12 A
@ 8 Hour Rate	206 AH	25.8 A
@ 5 Hour Rate	190 AH	37.92 A
@ 1 Hour Rate	96 AH	96 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

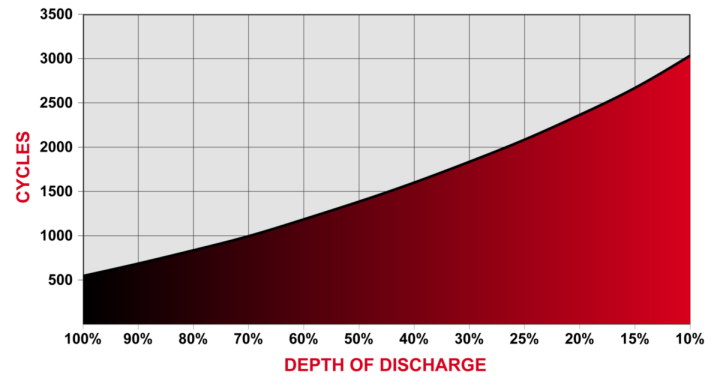


Weight	57.5 kg	127 lbs
Length	68.6 cm	27"
Width	18.4 cm	7.25"
Height Inc. Term.	30.5 cm	12"

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	95 mm	3.75"
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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