

FLOODED DEEP CYCLE BATTERY

8 CH 23P



Series	5000	Warranty	5 Years
Volts	8	BCI	SPEC
Cells	4	Plates/Cell	23
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	1893
Marine Crank Amps (MCA) 32°F / 0°C	2367
Reserve Capacity (RC @ 25A)	1510 Minutes
Reserve Capacity (RC @ 75A)	503 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	723 AH	7.23 A
@ 72 Hour Rate	704 AH	9.78 A
@ 50 Hour Rate	679 AH	13.59 A
@ 20 Hour Rate	629 AH	31.45 A
@ 15 Hour Rate	591 AH	39.42 A
@ 10 Hour Rate	566 AH	56.61 A
@ 8 Hour Rate	541 AH	67.62 A
@ 5 Hour Rate	503 AH	100.64 A
@ 1 Hour Rate	296 AH	295.63 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

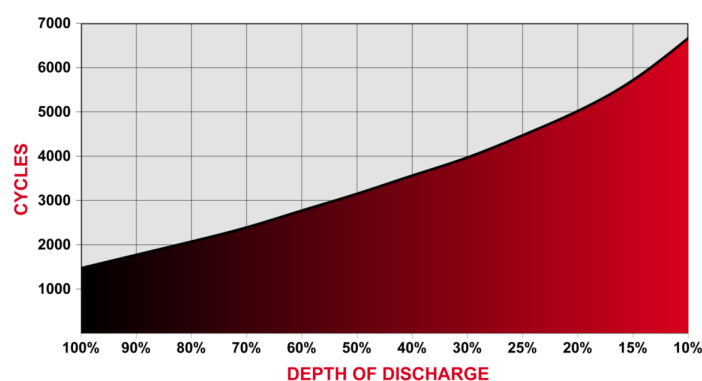


Weight	116 kg	255.5 lbs
Length	71.8 cm	28.25"
Width	21 cm	8.25"
Height Inc. Term.	46.4 cm	18.25"

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

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	

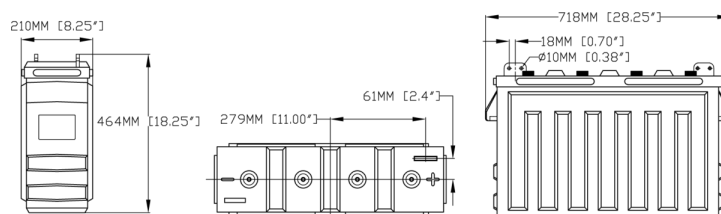
Cycle Life vs. Depth of Discharge



Voltage vs. Depth of Discharge

DISCHARGE	0%	25%	50%	75%	100%
20 HR AH RATE	2.10 V	2.05 V	2.02 V	1.96 V	1.75 V
6 HR AH RATE	2.10 V	2.04 V	2.00 V	1.95 V	1.75 V
1 HR AH RATE	2.10 V	2.03 V	1.99 V	1.94 V	1.75 V

Detailed Illustration



Rev.#4 | October 2022