

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, Nu	it, Lock & Flat Washer
Size & Thread		5/16"-18	
Chargo			

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)		-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

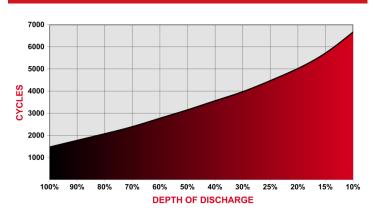
Ampere hour capacity ratings based on specific gravity of 1.280 at 27°C (80°F). Reduce capacities 5% for specific gravity of 1.265 and 10% for 1.250.

Specifications				
SalgLobal Iso 9001 Quality	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)	er (Outer) High Density Polyethylene snap fit to outer container			
Handles Molded				

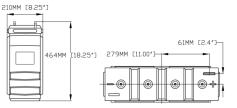
Cycle Life vs. Depth of Discharge

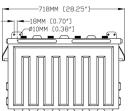


Voltage vs. Depth of Discharge

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