

FLOODED DEEP CYCLE BATTERY

8 NS 23P



Series	5000	Warranty	5 Years
Volts	8	BCI	SPEC
Cells	4	Plates/Cell	23
Terminal Type	Flag RR		

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		1559			
Marine Crank Amps (MCA) 32°F / 0°C		1949			
Reserve Capacity (RC @ 25A)		1123 Minutes			
Reserve Capacity (RC @ 75A)		374 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	538 AH	5.38 A
@ 72 Hour Rate	524 AH	7.28 A
@ 50 Hour Rate	505 AH	10.11 A
@ 20 Hour Rate	468 AH	23.40 A
@ 15 Hour Rate	440 AH	29.33 A
@ 10 Hour Rate	421 AH	42.12 A
@ 8 Hour Rate	402 AH	50.31 A
@ 5 Hour Rate	374 AH	74.88 A
@ 1 Hour Rate	220 AH	219.96 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

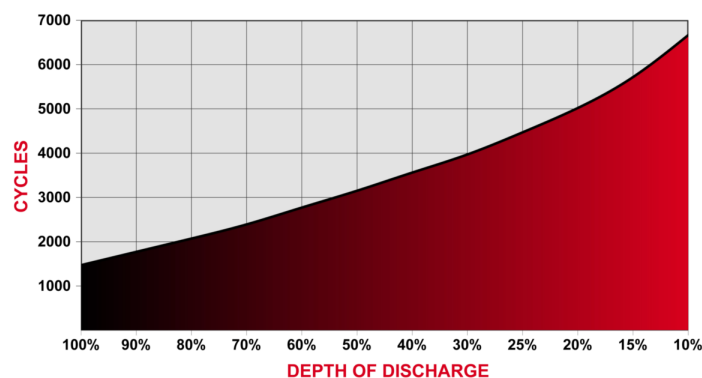


Weight	109.5 kg	241.5 lbs
Length	71.8 cm	28.25"
Width	21 cm	8.25"
Height Inc. Term.	46.4 cm	18.25"

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

Electrolyte Reserve	143 mm	5.63"
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	

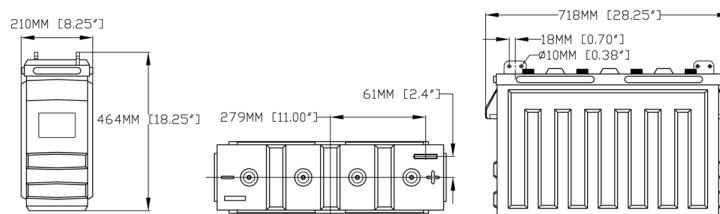
Cycle Life vs. Depth of Discharge



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



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