

FLOODED DEEP CYCLE BATTERY

8 NS 33P



Series	5000	Warranty	5 Years
Volts	8	BCI	SPEC
Cells	4	Plates/Cell	33
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	2268
Marine Crank Amps (MCA) 32°F / 0°C	2835
Reserve Capacity (RC @ 25A)	1634 Minutes
Reserve Capacity (RC @ 75A)	545 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	783 AH	7.83 A
@ 72 Hour Rate	763 AH	10.59 A
@ 50 Hour Rate	735 AH	14.71 A
@ 20 Hour Rate	681 AH	34.05 A
@ 15 Hour Rate	640 AH	42.68 A
@ 10 Hour Rate	613 AH	61.29 A
@ 8 Hour Rate	586 AH	73.21 A
@ 5 Hour Rate	545 AH	108.96 A
@ 1 Hour Rate	320 AH	320.07 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

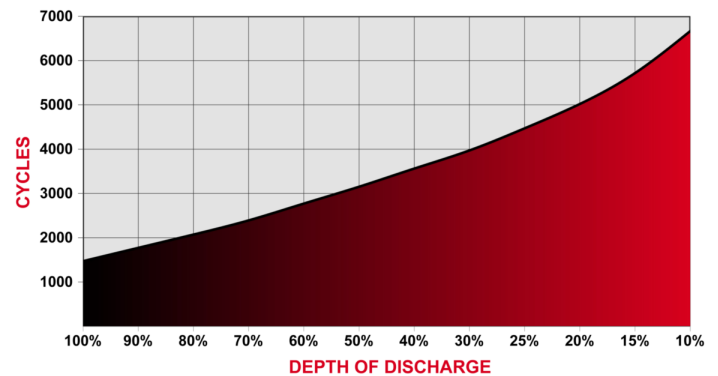


Weight	159.5 kg	351.5 lbs
Length	71.8 cm	28.25"
Width	28.6 cm	11.25"
Height Inc. Term.	46.4 cm	18.25"

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

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

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