

## 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	<b>783 AH</b>	<b>7.83 A</b>
@ 72 Hour Rate	<b>763 AH</b>	<b>10.59 A</b>
@ 50 Hour Rate	<b>735 AH</b>	<b>14.71 A</b>
@ 20 Hour Rate	<b>681 AH</b>	<b>34.05 A</b>
@ 15 Hour Rate	<b>640 AH</b>	<b>42.68 A</b>
@ 10 Hour Rate	<b>613 AH</b>	<b>61.29 A</b>
@ 8 Hour Rate	<b>586 AH</b>	<b>73.21 A</b>
@ 5 Hour Rate	<b>545 AH</b>	<b>108.96 A</b>
@ 1 Hour Rate	<b>320 AH</b>	<b>320.07 A</b>

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

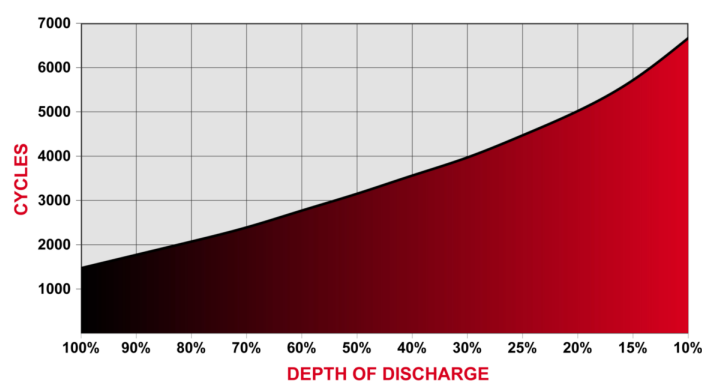


Weight	159.5 kg	351.5 lbs
Length	71.8 cm	28.25"
Width	28.6 cm	11.25"
Height Inc. Term.	46.4 cm	18.25"

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

Electrolyte 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	

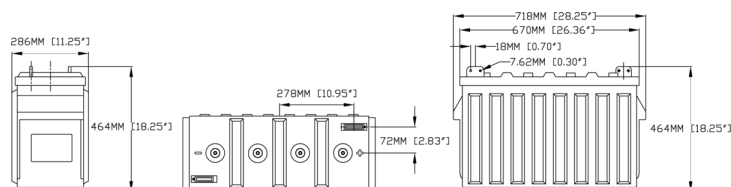
### Cycle Life vs. Depth of Discharge



### 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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