

## FLOODED DEEP CYCLE BATTERY

## 8 CH 33PR



Series	5000	Warranty	5 Years
Volts	8	Design	SLI
Cells	4	Plates/Cell	33
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	2754
Marine Crank Amps (MCA) 32°F / 0°C	3443
Reserve Capacity (RC @ 25A)	2198 Minutes
Reserve Capacity (RC @ 75A)	733 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>1053 AH</b>	<b>10.53 A</b>
@ 72 Hour Rate	<b>1026 AH</b>	<b>14.25 A</b>
@ 50 Hour Rate	<b>989 AH</b>	<b>19.79 A</b>
@ 20 Hour Rate	<b>916 AH</b>	<b>45.8 A</b>
@ 15 Hour Rate	<b>861 AH</b>	<b>57.4 A</b>
@ 10 Hour Rate	<b>824 AH</b>	<b>82.44 A</b>
@ 8 Hour Rate	<b>788 AH</b>	<b>98.47 A</b>
@ 5 Hour Rate	<b>596 AH</b>	<b>119.26 A</b>
@ 1 Hour Rate	<b>431 AH</b>	<b>430.52 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

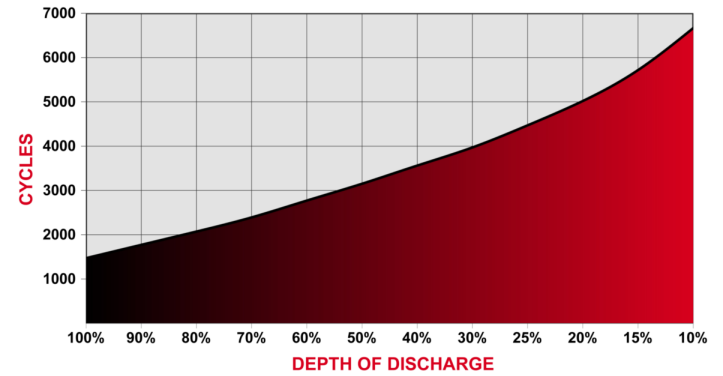
Weight	187.5 kg	413.5 lbs
Length	718 mm	28.25"
Width	286 mm	11.25"
Height Incl. Term.	464 mm	18.25"

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	

- Plastics are UL94 HB (UL94-V2 available)
- Plastics are impact copolymer rated to ASTM D256, D5420
- Vented design with integral flame arrestor vent caps

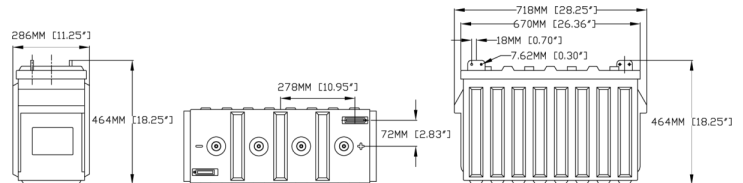
### Cycle Life vs. Depth of Discharge



### 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



Designed in compliance with applicable BCI, DIN, BS & IEC standards. Tested in compliance to BCI & IEC standards.

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