FLOODED DEEP CYCLE BATTERY

8 NS 33PR





Series	FLA SERIES 5000	Warranty	5 Years
Volts	8	Design	SLI
Cells	4	Plates/Cell	33
Terminal Type		Flag RR	

Charge | Discharge

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**

Specifications

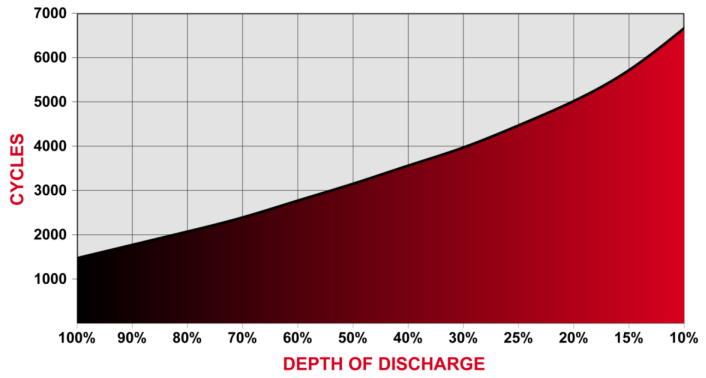
Weight	159.5 kg	351.5 lbs
Length	718 mm	28.25"
Width	286 mm	11.25"
Height Incl. Term.	464 mm	18.25"

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

Electrolyte Reserve	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	

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

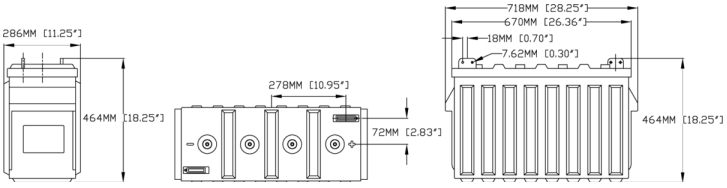
Cycle Life vs. Depth of Discharge



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



BATTERY COUNCIL INTERNATIONAL

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

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