Rolls

CANADA

FLOODED DEEP CYCLE BATTERY — 6 FS 305-SC

Series	FLA FS SERIES	Warranty	1 Year
Volts	6	Design	902
Cells	3	Plates/Cell	19
Terminal Type		DT	
Included Hardware		Stainless Steel K-Lock Nut	
Size & Thread		5/16"-18	

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)
Recommended Charge Current	45 A
Maximum Charge Current	70 A
Self-Discharge Rate	5%-10% per month at 25°C (77°F)

Capacity

Cold Crank Amps (CCA) 0°F / -18°C	987
Marine Crank Amps (MCA) 32°F / 0°C	1234
Reserve Capacity (RC @ 25A)	697 Minutes
Reserve Capacity (RC @ 75A)	183 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	**461 AH**	**4.61 A**
@ 72 Hour Rate	**454 AH**	**6.30 A**
@ 50 Hour Rate	**428 AH**	**8.57 A**
@ 20 Hour Rate	**360 AH**	**18.00 A**
@ 15 Hour Rate	**342 AH**	**22.80 A**
@ 10 Hour Rate	**317 AH**	**31.68 A**
@ 8 Hour Rate	**310 AH**	**38.70 A**
@ 5 Hour Rate	**284 AH**	**56.88 A**
@ 1 Hour Rate	**144 AH**	**144.00 A**

Specifications

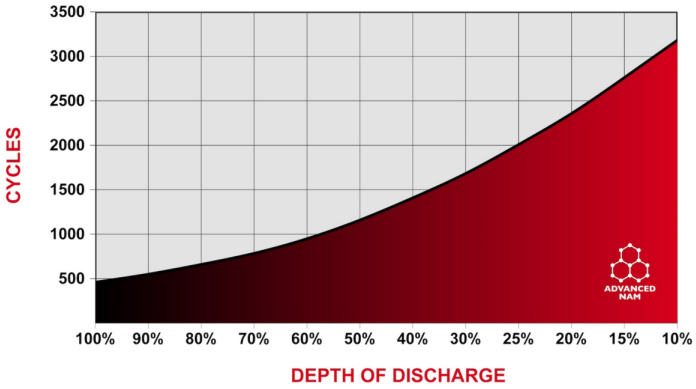
Weight	46.5 kg	103 lbs
Length	311 mm	12.25"
Width	181 mm	7.13"
Height Incl. Term.	362 mm	14.25"

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

Electrolyte Reserve	44 mm	1.75"
Container	Polypropylene	
Cover	Polypropylene	
Handles	Rope / Plastic Handle	

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

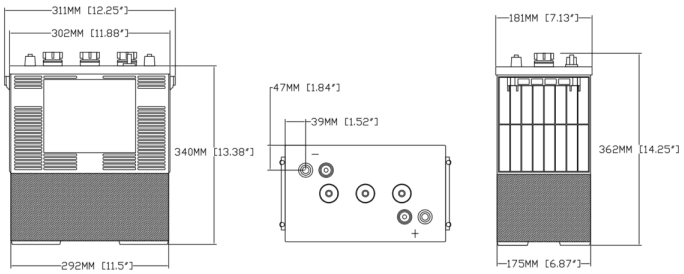
Cycle Life vs. Depth of Discharge



Voltage vs. Depth of Discharge

DISCHARGE	0%	25%	50%	75%	100%
20 HR AH RATE	2.10 V	2.07 V	2.00 V	1.92 V	1.75 V
10 HR AH RATE	2.10 V	2.06 V	1.98 V	1.89 V	1.75 V
3 HR AH RATE	2.10 V	2.03 V	1.95 V	1.86 V	1.75 V
1 HR AH RATE	2.10 V	2.01 V	1.93 V	1.84 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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