Rolls

FLOODED DEEP CYCLE BATTERY

12 FS 185-HC





Series	FLA FS SERIES	Warranty	1 Year
Volts	12	Design	921
Cells	6	Plates/Cell	11
Terminal Type		DT	
Included Hardware		Stainless Steel K-Lock Nut	
Size & Thread		5/16"-18	
Cables		Optional: 19" 4/0 interconnect cable	

Charge | Discharge

Charge Voltage Range	14.7-15 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	810
Marine Crank Amps (MCA) 32°F / 0°C	1013
Reserve Capacity (RC @ 25A)	406 Minutes
Reserve Capacity (RC @ 75A)	107 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	**279 AH**	**2.79 A**
@ 72 Hour Rate	**265 AH**	**3.68 A**
@ 50 Hour Rate	**250 AH**	**5 A**
@ 20 Hour Rate	**210 AH**	**10.5 A**
@ 15 Hour Rate	**200 AH**	**13.3 A**
@ 10 Hour Rate	**185 AH**	**18.48 A**
@ 8 Hour Rate	**181 AH**	**22.58 A**
@ 5 Hour Rate	**166 AH**	**33.18 A**
@ 1 Hour Rate	**84 AH**	**84 A**

Specifications

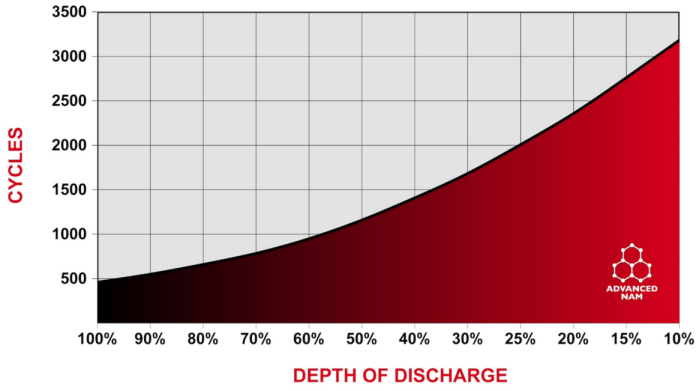
Weight	52 kg	114.5 lbs
Length	391 mm	15.38"
Width	178 mm	7"
Height Incl. Term.	371 mm	14.60"

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

Electrolyte Reserve	51 mm	2"
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

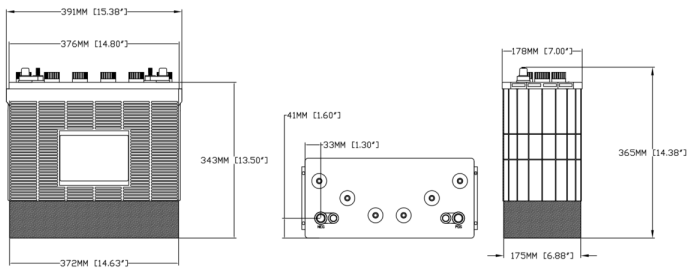
Cycle Life vs. Depth of Discharge



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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