

FLOODED DEEP CYCLE BATTERY

12 FS 185-HC



Charge Voltage Range



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

14.7-15 V/cell @ 25°C (77°F)

Self-Discharge Rate	5%-10% per moi	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	

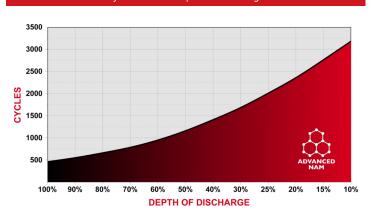
Ampere hour capacity ratings based on specific gravity of 1.280 at 27°C (80°F). Reduce capacities 5% for specific gravity of 1.265 and 10% for 1.250.

Specifications				
SAIGLOBAL ISO 9001 Quality	Weight	52 kg	114.5 lbs	
	Length	39.1 cm	15.38"	
	Width	17.8 cm	7"	
	Height Inc. Term.	37.1 cm	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 levels.

Electrolyte Reserve	51 mm	2"
Container	Polypropylene	
Cover	Polypropylene	
Handles	Rope / Plastic Handle	

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

