

# **FLOODED DEEP CYCLE BATTERY**

# 12 FS 185-HC



Charge Voltage Range

Capacity Affect by Temperature



(104°F) (77°F) (32°F) (5°F)

75%

50%

100%

105%

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					

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	
		40°C	25°C	0°C	-15°C

14.7-15 V/cell @ 25°C (77°F)

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

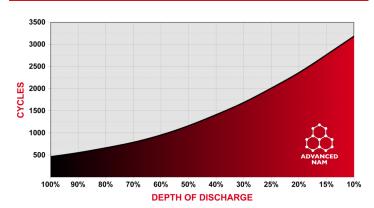
Ampere hour capacity ratings based on specific gravity of 1.280 at 27°C (80°F). Reduce capacities 5% for specific gravity of 1.265 and 10% for 1.250.

Specifications					
stem >	Weight	52 kg	114.5 lbs		
Certified System	Length	39.1 cm	15.38"		
SAI GLOBAL	Width	17.8 cm	7"		
ISO 9001 Quality	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 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**

