

# **FLOODED DEEP CYCLE BATTERY**

# 6 FS 305-HC





Series	FS	Warranty	1 Year	
Volts 6		BCI	902	
Cells	3	Plates/Cell	17	
Terminal Type		DT		
Included Hardware		Stainless Steel K-Lock Nut		
Size & Thread		5/16"-18		
Charge				
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		40 A		
Maximum Charge Current		65 A		
Self-Discharge Rate		5%-10% per month at 25°C (77°F)		
Canacity				

Ca	pacity			
Cold Crank Amps (CCA) 0°F / -18°C			878	
Marine Crank Amps (MCA) 32°F / 0°C 1097			1097	
Reserve Capacity (RC @ 25A)			619 Minutes	
Reserve Capacity (RC @ 75A)			163 Minute	es
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	410 AH	4.10 A
@ 72 Hour Rate	403 AH	5.60 A
@ 50 Hour Rate	381 AH	7.62 A
@ 20 Hour Rate	320 AH	16.00 A
@ 15 Hour Rate	304 AH	20.27 A
@ 10 Hour Rate	282 AH	28.16 A
@ 8 Hour Rate	275 AH	34.4 A
@ 5 Hour Rate	253 AH	50.56 A
@ 1 Hour Rate	128 AH	128.00 A

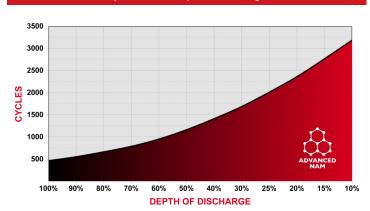
Ampere hour capacity ratings based on specific gravity of 1.280 at 27°C (80°F). Reduce capacities 5% for specific gravity of 1.265 and 10% for 1.250.

Specifications				
SAIGLOBAL ISO 9001 Quality	Weight	44 kg	97 lbs	
	Length	31.1 cm	12.25"	
	Width	18.1 cm	7.13"	
	Height Inc. Term.	36.2 cm	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 levels.

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

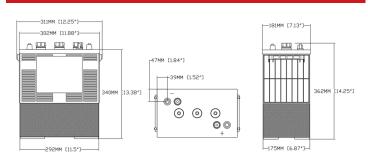
#### Cycle Life vs. Depth of Discharge



### 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



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