

FLOODED DEEP CYCLE BATTERY

6 FS 305-SC





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

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	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 1	Minutes	
Reserve Capacity (RC @ 75A)		183	Minutes	
Capacity Affect by Temperature		25°C (77°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

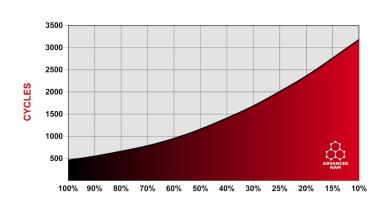
Ampere hour capacity ratings based on specific gravity of 1.280 at 27°C (80°F). Reduce capacities 5% for specific gravity of 1.265 and 10% for 1.250.

Specifications			
stem ×	Weight	46.5 kg	103 lbs
Sertified System	Length	31.1 cm	12.25"
SAI GLOBAL	Width	18.1 cm	7.13"
ISO 9001 Quality	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 Reserve	44 mm	1.75"
Container	Polypropylene	
Cover	Polypropylene	
Handles	Rope / Plastic Handle	

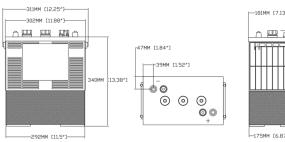
Cycle Life vs. Depth of Discharge

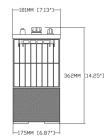


DEPTH OF DISCHARGE

Voltage vs. Depth of Discharge **DISCHARGE** 0% 25% 50% **75%** 100% 10 HR AH RATE 2.10 V 2.06 V 1.98 V 1.89 V 1.75 V 2.03 V 1 HR AH RATE 1.84 V 2.10 V 2.01 V 1.93 V 1.75 V

Detailed Illustration





Rev.#3 | April 2021