

FLOODED DEEP CYCLE BATTERY







Series	FS	Warranty	1 Year		
Volts	6	BCI	903		
Cells	3	Plates/Cell	15		
Terminal Ty	pe	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		

ouries of the state of the stat			
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	75 A		
Self-Discharge Rate	5%-10% per month at 25°C (77°F)		

Capacity				
Cold Crank Amps (CCA) 0°F / -18°C			910	
Marine Crank Amps (MCA) 32°F / 0°C			1137	
Reserve Capacity (RC @ 25A)			726 Minutes	
Reserve Capacity (RC @ 75A)			191 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	431 AH	4.31 A	
@ 72 Hour Rate	420 AH	5.83 A	
@ 50 Hour Rate	405 AH	8.10 A	
@ 20 Hour Rate	375 AH	18.75 A	
@ 15 Hour Rate	353 AH	23.5 A	
@ 10 Hour Rate	338 AH	33.75 A	
@ 8 Hour Rate	323 AH	40.31 A	
@ 5 Hour Rate	300 AH	60.0 A	
@ 1 Hour Rate	176 AH	176.25 A	

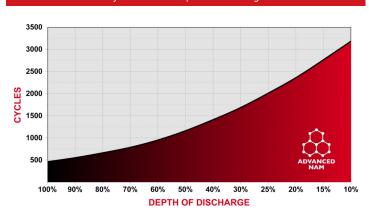
Ampere hour capacity ratings based on specific gravity of 1.280 at 27°C (80°F). Reduce capacities 5% for specific gravity of 1.265 and 10% for 1.250.

Specifications					
SAIGLOBAL ISO 9001 Quality	Weight	51 kg	112.5 lbs		
	Length	31.1 cm	12.25"		
	Width	18.1 cm	7.13"		
	Height Inc. Term.	42.55 cm	16.75"		

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	57 mm	2.25"	
Container	High Density Polypropylene		
Cover	High Density Polypropylene		
Handles	Rope / Plastic Handle		

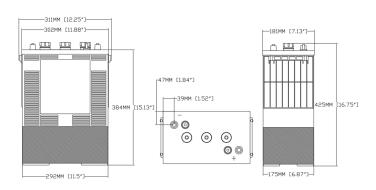
Cycle Life vs. Depth of Discharge



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



Rev.#2 | April 2021