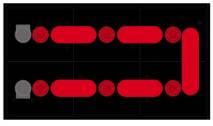


FLOODED DEEP CYCLE BATTERY

12 CS 13P







Series	5000	Warranty	5 Years	
Volts	12	BCI	SPEC	
Cells	6	Plates/Cell	13	
Terminal Type		Flag L		
Included Hardware		S/S Hex Cap Screw, Nut, Lock & Flat Washer		
Size & Thread		5/16"-18		
Cables		19" 4/0 interconnect cables *RE incl.		

Charge				
Charge Voltage Range	14.7-15 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)			

Self-Discharge Rate	elf-Discharge Rate 5%-10% per month at 25°C (77°F)				
Capacity					
Cold Crank Amps (CCA) 0°F / -18°C			1045		
Marine Crank Amps (MCA) 32°F / 0°C			1306		
Reserve Capacity (RC @ 25A)			1068 Minutes		
Reserve Capacity (RC @ 75A)			356 Minutes		
Capacity Affect by Temperature		40°C (104°F)		• •	-15°C (5°F)
		105%	100%	75%	50%

Hour Rate	Capacity / AMP Hour	Current / AMPs
@ 100 Hour Rate	574 AH	5.74 A
@ 72 Hour Rate	543 AH	7.54 A
@ 50 Hour Rate	514 AH	10.28 A
@ 20 Hour Rate	445 AH	20.25 A
@ 15 Hour Rate	414 AH	27.59 A
@ 10 Hour Rate	396 AH	39.61 A
@ 8 Hour Rate	383 AH	47.84 A
@ 5 Hour Rate	356 AH	71.20 A
@ 1 Hour Rate	200 AH	200.25 A

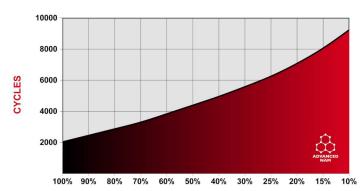
Ampere hour capacity ratings based on specific gravity of 1.280 at 27°C (80°F). Reduce capacities 5% for specific gravity of 1.265 and 10% for 1.250.

Specifications					
B SAIGLOBAL ISO 9001 Quality	Weight	136 kg	300 lbs		
	Length	49.2 cm	19.38"		
	Width	27.3 cm	10.75"		
	Height Inc. Term.	42.5 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 Reserve	8.6 mm	3.38"
Handles	Integrated Top Mount	

Cycle Life vs. Depth of Discharge

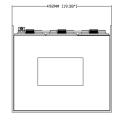


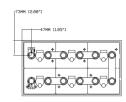
DEPTH OF DISCHARGE

Voltage vs. Depth of Discharge

DISCHARGE	0%	25%	50%	75%	100%
20 HR AH RATE	2.10 V	2.05 V	2.02 V	1.96 V	1.75 V
6 HR AH RATE	2.10 V	2.04 V	2.00 V	1.95 V	1.75 V
1 HR AH RATE	2.10 V	2.03 V	1.99 V	1.94 V	1.75 V

Detailed Illustration







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