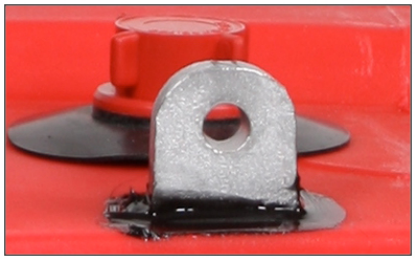
Rolls

CANADA

FLOODED DEEP CYCLE BATTERY

12 CS 11P



Series	5000	Warranty	5 Years
Volts	12	BCI	SPEC
Cells	6	Plates/Cell	11
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)

Capacity

Cold Crank Amps (CCA) 0°F / -18°C	871
Marine Crank Amps (MCA) 32°F / 0°C	1088
Reserve Capacity (RC @ 25A)	891 Minutes
Reserve Capacity (RC @ 75A)	297 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	**479 AH**	**4.79 A**
@ 72 Hour Rate	**453 AH**	**6.29 A**
@ 50 Hour Rate	**429 AH**	**8.58 A**
@ 20 Hour Rate	**371 AH**	**18.56 A**
@ 15 Hour Rate	**345 AH**	**23.02 A**
@ 10 Hour Rate	**330 AH**	**33.04 A**
@ 8 Hour Rate	**319 AH**	**39.91 A**
@ 5 Hour Rate	**297 AH**	**59.40 A**
@ 1 Hour Rate	**167 AH**	**167.08 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

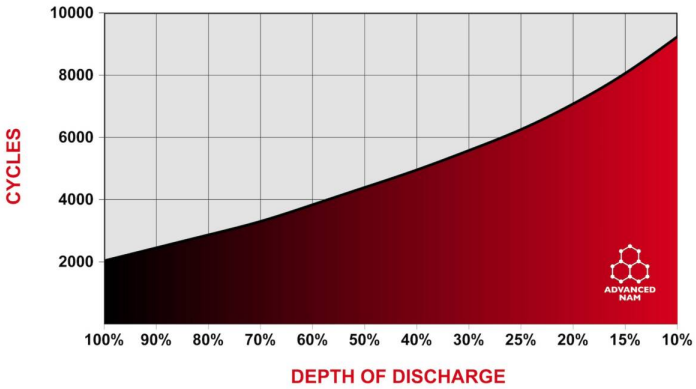
Certified System ™ SAI GLOBAL ISO 9001 Quality

Weight	123 kg	271 lbs
Length	55.9 cm	22"
Width	28.6 cm	11.25"
Height Inc. Term.	46.4 cm	18.25"

Product measurements & weights are calculated based on sample data. Individual specifications are subject to vary due to the manufacturing process & battery components.

Electrolyte Reserve	95 mm	3.75"
Container (Inner)	Polypropylene	
Cover (Inner)	Polypropylene - heat sealed to inner container	
Container (Outer)	High Density Polypropylene	
Cover (Outer)	High Density Polypropylene snap fit to outer container	
Handles	Molded	
Notes	IEC 61427-1:2013	

Cycle Life vs. Depth of Discharge



Voltage vs. Depth of Discharge

DISCHARGE	0%	25%	50%	75%	100%
20 HR AH RATE	2.10 V	2.05 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

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