

Rolls

FLOODED DEEP CYCLE BATTERY

S-280



Series	4000	Warranty	7 Years
Volts	12	BCI	921
Cells	6	Plates/Cell	9
Terminal Type	Univ		
Included Hardware	S/S Hex Cap Screw, Nut, Lock & Flat Washer		
Size & Thread	5/16"-18 x 1-1/2"		
Cables	Optional: 19" 4/0 interconnect cable		

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 Capacity (String)	25 A
Maximum Charge Current (String)	40 A
Self-Discharge Rate	5%-10% per month at 25°C (77°F)

Capacity

Cold Crank Amps (CCA) 0°F / -17°C	648
Marine Crank Amps (MCA) 32°F / 0°C	810
Reserve Capacity (RC @ 25A)	406 Minutes
Reserve Capacity (RC @ 75A)	107 Minutes

Hour Rate	Capacity / AMP Hour	Current / AMPs
@ 100 Hour Rate	279 AH	2.79 A
@ 75 Hour Rate	265 AH	3.68 A
@ 50 Hour Rate	250 AH	5 A
@ 20 Hour Rate	210 AH	10.5 A
@ 15 Hour Rate	200 AH	13.3 A
@ 10 Hour Rate	185 AH	18.48 A
@ 8 Hour Rate	181 AH	22.58 A
@ 5 Hour Rate	166 AH	33.88 A
@ 1 Hour Rate	84 AH	84 A

Amphère hour capacity ratings based on specific gravity of 1.280.
Reduce capacities 5% for specific gravity of 1.265 and 10% for 1.250.

Specifications



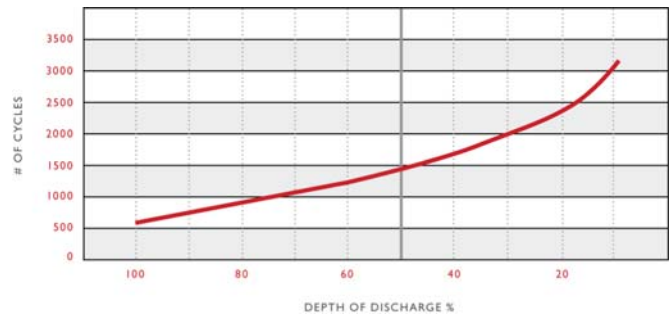
SAI GLOBAL
ISO 9001
Quality

Weight	61 kg	134.5 lbs
Length	39.1 cm	15.38"
Width	17.8 cm	7"
Height Inc. Term.	36.5 cm	14.38"

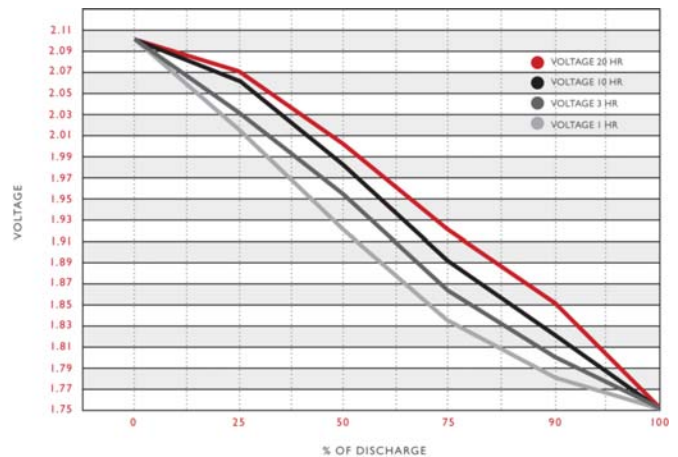
Product measurements & weights are calculated based on sample data. Individual specifications are subject to vary due to the manufacturing process, battery components & electrolyte levels.

Electrolyte Reserve	51 mm	2"
Container	Polypropylene	
Cover	Polypropylene	
Handles	Rope / Plastic Handle	

Cycle Life vs. Depth of Discharge



Voltage vs. Depth of Discharge



Rev.#3 | May 2018