

Rolls

FLOODED DEEP CYCLE BATTERY

8 NS 23P



Series	5000	Warranty	5 Years
Volts	8	BCI	SPEC
Cells	4	Plates/Cell	23
Terminal Type	Flag RR		
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)
Self-Discharge Rate	5%-10% per month at 25°C (77°F)

Capacity

Cold Crank Amps (CCA) 0°F / -17°C	1559
Marine Crank Amps (MCA) 32°F / 0°C	1949
Reserve Capacity (RC @ 25A)	1080 Minutes
Reserve Capacity (RC @ 75A)	360 Minutes

Hour Rate	Capacity / AMP Hour	Current / AMPS
@ 100 Hour Rate	635 AH	6.35 A
@ 75 Hour Rate	467 AH	6.48 A
@ 50 Hour Rate	432 AH	8.63 A
@ 20 Hour Rate	450 AH	22.5 A
@ 15 Hour Rate	419 AH	27.9 A
@ 10 Hour Rate	374 AH	37.35 A
@ 8 Hour Rate	351 AH	43.88 A
@ 5 Hour Rate	302 AH	60.3 A
@ 1 Hour Rate	153 AH	153 A

Amper 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



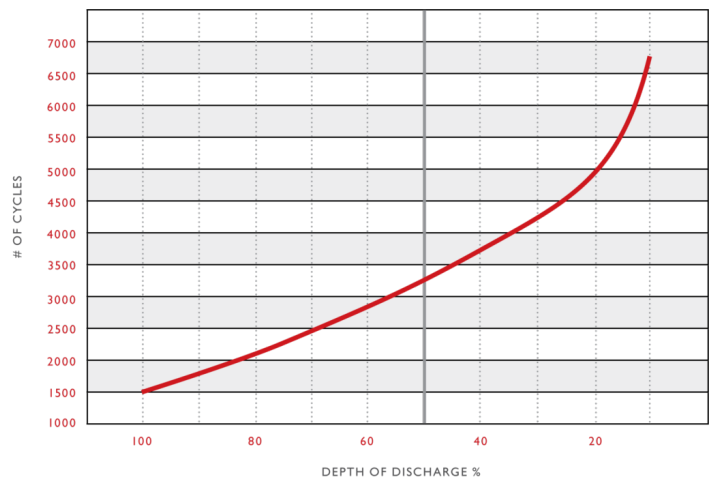
SAI GLOBAL
ISO 9001
Quality

Weight	109.5 kg	241.5 lbs
Length	71.8 cm	28.25"
Width	21 cm	8.25"
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 levels.

Electrolyte Reserve	143 mm	5.63"
Container (Inner)	Polypropylene	
Cover (Inner)	Polypropylene - heat sealed to inner container	
Container (Outer)	High Density Polyethylene	
Cover (Outer)	High Density Polyethylene snap fit to outer container	
Handles	Molded	

Cycle Life vs. Depth of Discharge



Voltage vs. Depth of Discharge

