

FLOODED DEEP CYCLE BATTERY

8 CS 25P



Series	5000	Warranty	5 Years
Volts	8	Design	SPEC
Cells	4	Plates/Cell	25
Terminal Type	Flag		
Included Hardware	S/S Hex Cap Screw, Nut, Lock & Flat Washer		
Size & Thread	5/16"-18		

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 / -18°C	2090
Marine Crank Amps (MCA) 32°F / 0°C	2612
Reserve Capacity (RC @ 25A)	2047 Minutes
Reserve Capacity (RC @ 75A)	682 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	1100 AH	11.00 A
@ 72 Hour Rate	1040 AH	14.45 A
@ 50 Hour Rate	985 AH	19.70 A
@ 20 Hour Rate	853 AH	42.64 A
@ 15 Hour Rate	793 AH	52.87 A
@ 10 Hour Rate	759 AH	75.90 A
@ 8 Hour Rate	733 AH	91.68 A
@ 5 Hour Rate	682 AH	136.45 A
@ 1 Hour Rate	384 AH	383.76 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

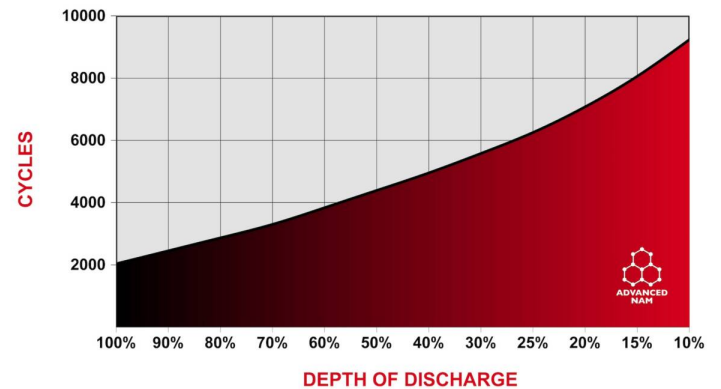
 SAI GLOBAL ISO 9001 Quality	Weight	192 kg	423.5 lbs
	Length	718 mm	28.25"
	Width	286 mm	11.25"
	Height Incl. Term.	464 mm	18.25"

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 Polyethylene	
Cover (Outer)	High Density Polyethylene snap fit to outer container	
Handles	Molded	

- Plastics are UL94 HB (UL94-V2 available)
- Plastics are impact copolymer rated to ASTM D256, D5420
- Vented design with integral flame arrestor vent caps

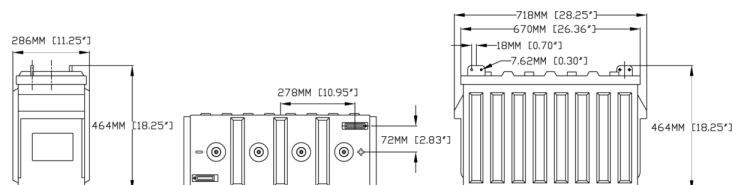
Cycle Life vs. Depth of Discharge



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

Detailed Illustration



Designed in compliance with applicable BCI, DIN, BS & IEC standards. Tested in compliance to BCI & IEC standards.

intertek
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