

FLOODED DEEP CYCLE BATTERY

8 CS 27P



Series	5000	Warranty	See Warranty Terms
Volts	8	BCI	SPEC
Cells	4	Plates/Cell	27
Terminal Type	Flag RR		
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	2264
Marine Crank Amps (MCA) 32°F / 0°C	2830
Reserve Capacity (RC @ 25A)	2229 Minutes
Reserve Capacity (RC @ 75A)	743 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	1198 AH	11.98 A
@ 72 Hour Rate	1133 AH	15.74 A
@ 50 Hour Rate	1073 AH	21.45 A
@ 20 Hour Rate	929 AH	46.44 A
@ 15 Hour Rate	864 AH	57.58 A
@ 10 Hour Rate	827 AH	82.66 A
@ 8 Hour Rate	799 AH	99.84 A
@ 5 Hour Rate	743 AH	148.60 A
@ 1 Hour Rate	418 AH	417.92 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

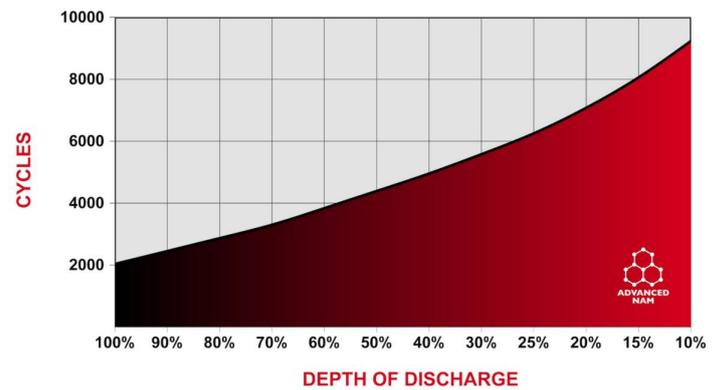


Weight	207 kg	456 lbs
Length	71.8 cm	28.25"
Width	28.6 cm	11.25"
Height Inc. Term.	46.4 cm	18.25"

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

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

