

## 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	<b>1198 AH</b>	<b>11.98 A</b>
@ 72 Hour Rate	<b>1133 AH</b>	<b>15.74 A</b>
@ 50 Hour Rate	<b>1073 AH</b>	<b>21.45 A</b>
@ 20 Hour Rate	<b>929 AH</b>	<b>46.44 A</b>
@ 15 Hour Rate	<b>864 AH</b>	<b>57.58 A</b>
@ 10 Hour Rate	<b>827 AH</b>	<b>82.66 A</b>
@ 8 Hour Rate	<b>799 AH</b>	<b>99.84 A</b>
@ 5 Hour Rate	<b>743 AH</b>	<b>148.60 A</b>
@ 1 Hour Rate	<b>418 AH</b>	<b>417.92 A</b>

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.

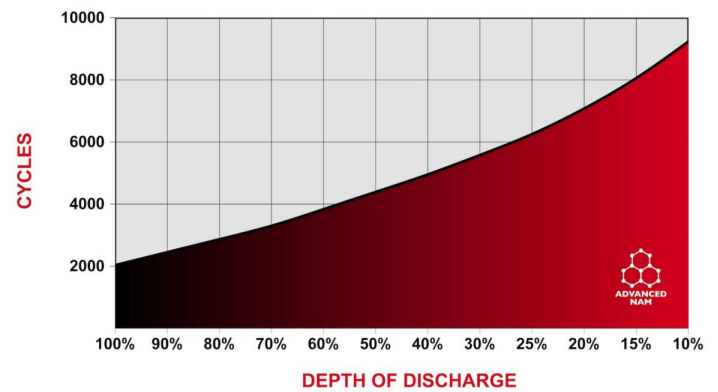
#### Specifications

	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

