

FLOODED DEEP CYCLE BATTERY

2 YS 62P



Series	5000	Warranty	5 Years
Volts	2	BCI	SPEC
Cells	2	Plates/Cell	31
Terminal Type	Flag		
Included Hardware	S/S Hex Cap Screw, Nut, Lock & Flat Washer		
Size & Thread	5/16"-18		
Cables	19" 4/0 interconnect cables *RE incl.		

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	11482
Marine Crank Amps (MCA) 32°F / 0°C	14352
Reserve Capacity (RC @ 25A)	12131 Minutes
Reserve Capacity (RC @ 75A)	4044 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	6520 AH	65.20 A
@ 72 Hour Rate	6166 AH	85.64 A
@ 50 Hour Rate	5838 AH	116.76 A
@ 20 Hour Rate	5054 AH	252.72 A
@ 15 Hour Rate	4701 AH	313.37 A
@ 10 Hour Rate	4498 AH	449.84 A
@ 8 Hour Rate	4347 AH	543.35 A
@ 5 Hour Rate	4044 AH	808.70 A
@ 1 Hour Rate	2274 AH	2274.48 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

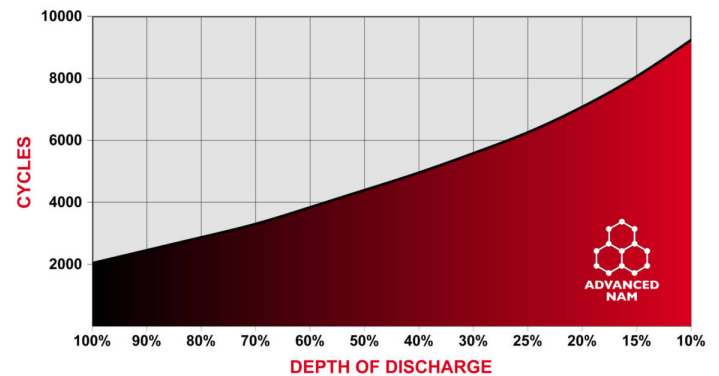


Weight	258.5 kg	570 lbs
Length	69.5 cm	27.38"
Width	26.7 cm	10.5"
Height Inc. Term.	80.3 cm	31.63"

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	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

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