## **Rolls** FLOODED DEEP CYCLE BATTERY







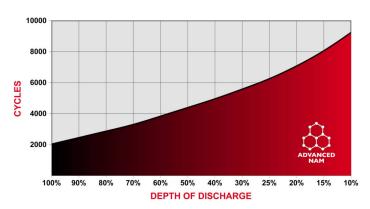
Series	5000	Warranty	See Warranty Terms
Volts	6	BCI	SPEC
Cells	3	Plates/Cell	21
Terminal	Туре	Flag	
Included I	Hardware	S/S Hex Cap So	crew, Nut, Lock & Flat Washer
Size & Th	read	5/16"-18	
			Charge
Charge V	oltage Ra	nge	2.45-2.5 V/cell @ 25°C (77°F)

Charge Voltage Range	2.45	2.45-2.5 V/cell @ 25°C (77°F)				
Float Voltage Range	2.25	2.25 V/cell @ 25°C (77°F)				
Self-Discharge Rate	5%-	5%-10% per month at 25°C (77°F)				
Capacity						
Cold Crank Amps (CCA) 0°F / -18°C 1742						
Marine Crank Amps (MCA) 32°F / 0°C				2177		
Reserve Capacity (RC @ 25A) 170				1705 Minu	tes	
Reserve Capacity (RC @ 7	'5A)			568 Minutes		
Capacity Affect by Tempe	rature	40°C (104°F)	25°C (77°F)	0°C (32°F)	-15°C (5°F)	
		105%	100%	75%	50%	
Hour Rate	Capacit	y / AMP Hou	ur	Current /	/ AMPs	
Hour Rate @ 100 Hour Rate		y / AMP Hou 9 <b>16 AH</b>	ur	Current / 9.16		
	9	-	ur		A	
@ 100 Hour Rate	9	16 AH	Jr	9.16	A 1 A	
@ 100 Hour Rate @ 72 Hour Rate	9	916 AH 867 AH	ır	9.16 12.04	A 1 A 1 A	
@ 100 Hour Rate @ 72 Hour Rate @ 50 Hour Rate	9 8 8 7	916 AH 667 AH 320 AH	Jr	9.16 12.04 16.41	A 1 A 1 A 2 A	
<ul> <li>@ 100 Hour Rate</li> <li>@ 72 Hour Rate</li> <li>@ 50 Hour Rate</li> <li>@ 20 Hour Rate</li> </ul>	9 8 8 7 6	16 AH 67 AH 20 AH 10 AH	Jr	9.16 12.04 16.41 35.52	A 1 A 1 A 2 A 1 A	
<ul> <li>@ 100 Hour Rate</li> <li>@ 72 Hour Rate</li> <li>@ 50 Hour Rate</li> <li>@ 20 Hour Rate</li> <li>@ 15 Hour Rate</li> </ul>	9 8 8 7 6 6	916 AH 667 AH 620 AH 710 AH 661 AH	ır	9.16 12.04 16.41 35.52 44.04	A 1 A 1 A 2 A 1 A 2 A	
<ul> <li>@ 100 Hour Rate</li> <li>@ 72 Hour Rate</li> <li>@ 50 Hour Rate</li> <li>@ 20 Hour Rate</li> <li>@ 15 Hour Rate</li> <li>@ 10 Hour Rate</li> </ul>	9 8 8 7 6 6 6	916 AH 967 AH 920 AH 910 AH 961 AH 932 AH	Jr	9.16 12.04 16.41 35.52 44.04 63.22	A 1 A 2 A 1 A 2 A 2 A 5 A	
<ul> <li>@ 100 Hour Rate</li> <li>@ 72 Hour Rate</li> <li>@ 50 Hour Rate</li> <li>@ 20 Hour Rate</li> <li>@ 15 Hour Rate</li> <li>@ 10 Hour Rate</li> <li>@ 8 Hour Rate</li> </ul>	9 8 8 7 6 6 6 6 5	916 AH 167 AH 120 AH 10 AH 10 AH 10 AH 132 AH 111 AH		9.16 12.04 16.41 35.52 44.04 63.22 76.36	A 1 A 2 A 1 A 2 A 2 A 5 A 5 A	

Ampere hour capacity ratings based on specific gravity of 1.280 at 27°C ( $80^{\circ}$ F). Reduce capacities 5% for specific gravity of 1.265 and 10% for 1.250.

Specifications						
stem	Weight	122.5 kg	270 lbs			
Certified System	Length	55.9 cm	22"			
	Width	24.8 cm	9.75"			
ISO 9001 Quality	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	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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