

## FLOODED DEEP CYCLE BATTERY





Capacity Affect by Temperature



105% 100%

					12.75		
Series	FS	Warranty		1 Ye	ear		
Volts	12	BCI		G31			
Cells	6	Plates/Cell 11					
Terminal Type		DT					
Included Hardware Stainless Steel K-			el K-Lock	-Lock Nut			
Size & Thread		5/16"-18					
		Charge					
Charge Voltage	14.7-15 V/cell @	7-15 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				670			
Marine Crank Amps (MCA) 32°F / 0°C			906	906			
Reserve Capacity (RC @ 25A)				216 [	216 Minutes		
Reserve Capacity (RC @ 75A)				64 Minutes			
Capacity Affect	by Temperature		40°C (104°F)	25°C (77°F)		-15°C (5°F)	

Hour Rate	Capacity / AMP Hour	Current / AMPs	
@ 100 Hour Rate	173 AH	1.73 A	
@ 20 Hour Rate	130 AH	6.5 A	
@ 10 Hour Rate	111 AH	11.05 A	
@ 5 Hour Rate	98 AH	19.5 A	

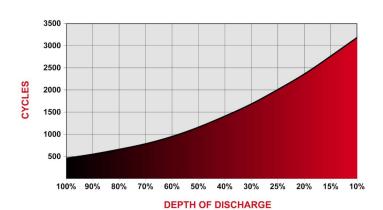
Ampere hour capacity ratings based on specific gravity of 1.280 at 27  $^{\circ}$ C (80  $^{\circ}$ F). Reduce capacities 5% for specific gravity of 1.265 and 10% for 1.250.

Specifications					
SAIGLOBAL ISO 9001 Quality	Weight	29.5 kg	65 lbs		
	Length	330 mm	13"		
	Width	171 mm	6.75"		
	Height Inc. Term.	241 mm	9.5"		

Product measurements & weights are calculated based on sample data. Individual specifications are subject to vary due to the manufacturing process & battery components.

Electrolyte Reserve	38 mm	1.5"
Container	Polypropylene	
Cover	Polypropylene	
Handles	Top Mount Plastic	

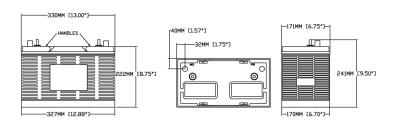
## Cycle Life vs. Depth of Discharge



## Voltage vs. Depth of Discharge

DISCHARGE	0%	25%	50%	75%	100%
20 HR AH RATE	2.10 V	2.07 V	2.00 V	1.92 V	1.75 V
10 HR AH RATE	2.10 V	2.06 V	1.98 V	1.89 V	1.75 V
3 HR AH RATE	2.10 V	2.03 V	1.95 V	1.86 V	1.75 V
1 HR AH RATE	2.10 V	2.01 V	1.93 V	1.84 V	1.75 V

## **Detailed Illustration**



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