

# Rolls



## FLOODED DEEP CYCLE BATTERY

## 12 FS 27



Series	FS	Warranty	1 Year
Volts	12	BCI	Grp 27
Cells	6		
Terminal Type	DT		
Included Hardware	S/S Hex Cap Screw, Nut, Lock & Flat Washer		
Size & Thread	5/16"-18 x 1-1/2"		
Cables	Optional: 19" 4/0 interconnect cable		

### Charge

Charge Voltage Range	14.7-15 V/cell @ 25°C (77°F)
Recommended Charge Current Capacity (String)	15 A
Maximum Charge Current (String)	25 A
Self-Discharge Rate	5%-10% per month at 25°C (77°F)

### Capacity

Cold Crank Amps (CCA) 0°F / -17°C	660
Marine Crank Amps (MCA) 32°F / 0°C	825
Reserve Capacity (RC @ 25A)	185 Minutes
Reserve Capacity (RC @ 75A)	53 Minutes

Hour Rate	Capacity / AMP Hour	Current / AMPs
@ 100 Hour Rate	<b>140 AH</b>	<b>1.4 A</b>
@ 20 Hour Rate	<b>105 AH</b>	<b>5.25 A</b>
@ 15 Hour Rate	<b>99 AH</b>	<b>6.58 A</b>
@ 10 Hour Rate	<b>89 AH</b>	<b>8.93 A</b>
@ 8 Hour Rate	<b>87 AH</b>	<b>10.89 A</b>
@ 5 Hour Rate	<b>85 AH</b>	<b>17.01 A</b>
@ 1 Hour Rate	<b>38 AH</b>	<b>37.8 A</b>

Ampere hour capacity ratings based on specific gravity of 1.280.  
Reduce capacities 5% for specific gravity of 1.265 and 10% for 1.250.

### Specifications



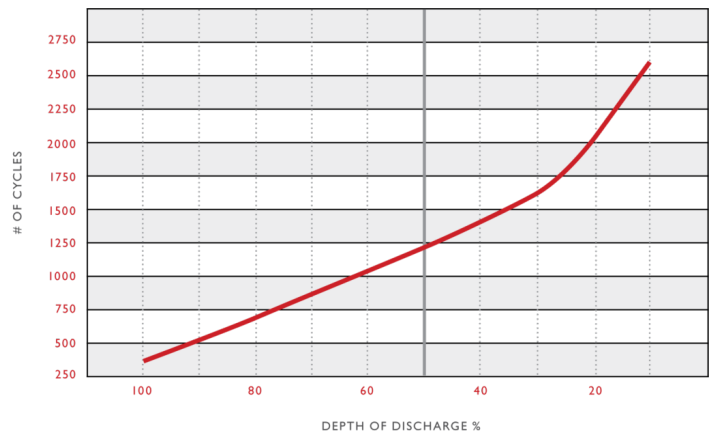
SAI GLOBAL  
ISO 9001  
Quality

Weight	24.5 kg	54 lbs
Length	32.1 cm	12.63"
Width	17.1 cm	6.75"
Height Inc. Term.	23.8 cm	9.38"

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

Container	ABS
Cover	ABS
Handles	Plastic Strap

### Cycle Life vs. Depth of Discharge



### Voltage vs. Depth of Discharge

