

Rolls



FLOODED DEEP CYCLE BATTERY

12 FS 24



Series	FS	Warranty	1 Year
Volts	12	BCI	Grp 24
Cells	6		
Terminal Type	DT		
Included Hardware	Stainless Steel K-Lock Nut		
Size & Thread	5/16"-18		

Charge

Charge Voltage Range	14.7-15 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	550
Marine Crank Amps (MCA) 32°F / 0°C	690
Reserve Capacity (RC @ 25A)	150 Minutes
Reserve Capacity (RC @ 75A)	43 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	106 AH	1.06 A
@ 20 Hour Rate	85 AH	4.25 A
@ 15 Hour Rate	80 AH	5.33 A
@ 10 Hour Rate	72 AH	7.23 A
@ 8 Hour Rate	71 AH	8.82 A
@ 5 Hour Rate	69 AH	13.8 A
@ 1 Hour Rate	31 AH	30.6 A

Ampere hour capacity ratings based on specific gravity of 1.280 at 25°C (77°F). Reduce capacities 5% for specific gravity of 1.265 and 10% for 1.250.

Specifications



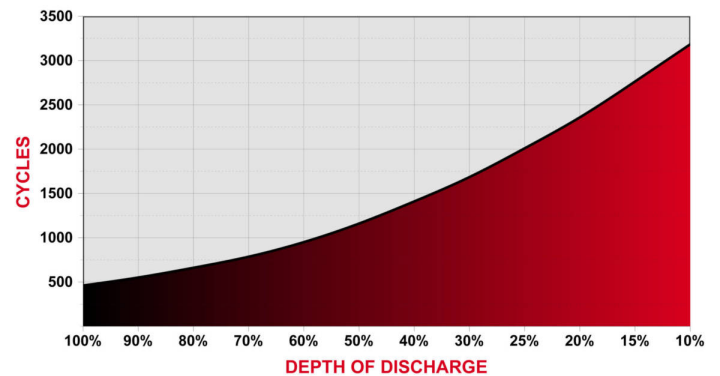
SAI GLOBAL
ISO 9001
Quality

Weight	21.5 kg	47.5 lbs
Length	27.9 cm	11"
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

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

