

FLOODED DEEP CYCLE BATTERY

8 FS GC-HC



Series	FS	Warranty	1 Year
Volts	8	Design	GC8
Cells	4	Plates/Cell	13
Terminal Type	UTL		
Included Hardware	Stainless Steel K-Lock Nut		
Size & Thread	5/16"-18		

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)
Recommended Charge Current	20 A
Maximum Charge Current	35 A
Self-Discharge Rate	5%-10% per month at 25°C (77°F)

Capacity

Cold Crank Amps (CCA) 0°F / -18°C	547
Marine Crank Amps (MCA) 32°F / 0°C	684
Reserve Capacity (RC @ 25A)	329 Minutes
Reserve Capacity (RC @ 56A)	118 Minutes
Reserve Capacity (RC @ 75A)	82 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	233 AH	2.33 A
@ 72 Hour Rate	229 AH	3.19 A
@ 50 Hour Rate	217 AH	4.33 A
@ 20 Hour Rate	182 AH	9.1 A
@ 15 Hour Rate	173 AH	11.53 A
@ 10 Hour Rate	160 AH	16.02 A
@ 8 Hour Rate	157 AH	19.57 A
@ 5 Hour Rate	144 AH	28.76 A
@ 1 Hour Rate	73 AH	72.8 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

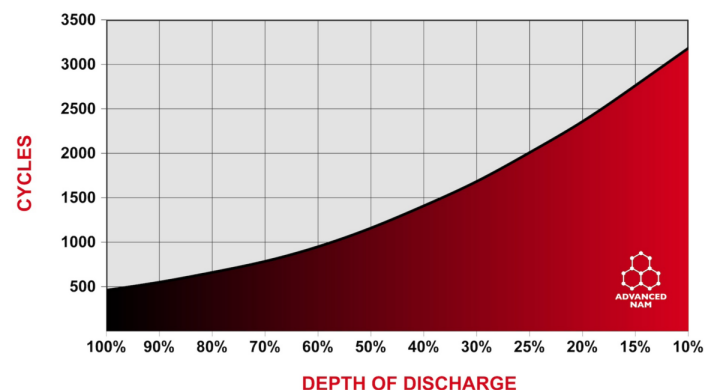
	Weight	29.5 kg	65 lbs
	Length	259 mm	10.19"
	Width	181 mm	7.13"
	Height Incl. Term.	279 mm	11"

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

Electrolyte Reserve	57 mm	2.25"
Container	Polypropylene	
Cover	Polypropylene	
Handles	Top Molded Strap Brackets	

- Plastics are UL94 HB (UL94-V2 available)
- Plastics are impact copolymer rated to ASTM D256, D5420
- Vented design with integral flame arrestor vent caps

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

