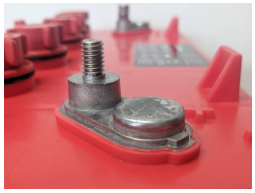
# Rolls

## FLOODED DEEP CYCLE BATTERY

## 8 FS GC-HC



| | | | |
|---|---|---|---|
| Series | FS | Warranty | 1 Year |
| Volts | 8 | BCI | GC2 |
| Cells | 4 | Plates/Cell | 13 |
| Terminal Type | | UTL | |
| Included Hardware | | Stainless Steel K-Lock Nut | |
| Size & Threads | | 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** |

Amphere 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

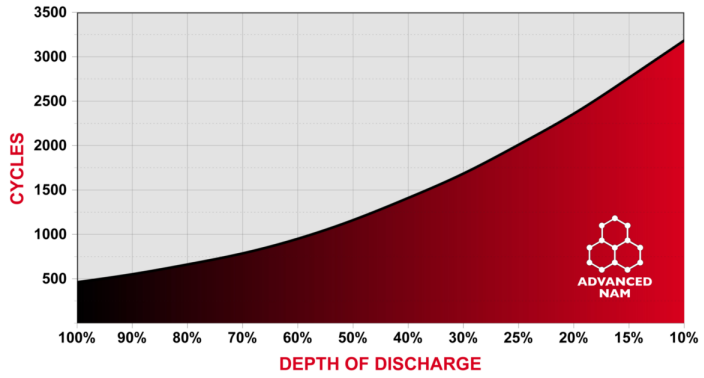
Certified System™ SAI GLOBAL ISO 9001 Quality

| | | |
|---|---|---|
| Weight | 29.5 kg | 65 lbs |
| Length | 25.9 cm | 10.19" |
| Width | 18.1 cm | 7.13" |
| Height Inc. Term. | 27.9 cm | 11" |

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

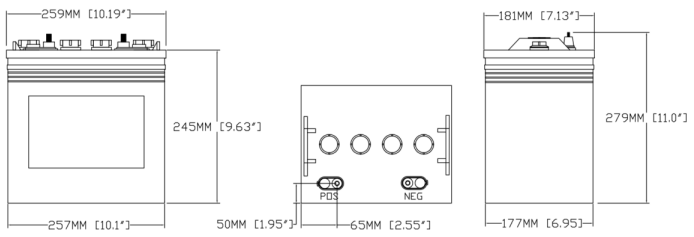
### Cycle Life vs. Depth of Discharge




### 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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