



|                   |                            |             |        |
|-------------------|----------------------------|-------------|--------|
| Series            | FS                         | Warranty    | 1 Year |
| Volts             | 6                          | BCI         | 902    |
| Cells             | 3                          | Plates/Cell | 19     |
| Terminal Type     | DT                         |             |        |
| 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 | 45 A                            |
| Maximum Charge Current     | 70 A                            |
| Self-Discharge Rate        | 5%-10% per month at 25°C (77°F) |

### Capacity

|                                    |              |             |            |             |
|------------------------------------|--------------|-------------|------------|-------------|
| Cold Crank Amps (CCA) 0°F / -18°C  | 987          |             |            |             |
| Marine Crank Amps (MCA) 32°F / 0°C | 1234         |             |            |             |
| Reserve Capacity (RC @ 25A)        | 697 Minutes  |             |            |             |
| Reserve Capacity (RC @ 75A)        | 183 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 | <b>461 AH</b>       | <b>4.61 A</b>   |
| @ 72 Hour Rate  | <b>454 AH</b>       | <b>6.30 A</b>   |
| @ 50 Hour Rate  | <b>428 AH</b>       | <b>8.57 A</b>   |
| @ 20 Hour Rate  | <b>360 AH</b>       | <b>18.00 A</b>  |
| @ 15 Hour Rate  | <b>342 AH</b>       | <b>22.80 A</b>  |
| @ 10 Hour Rate  | <b>317 AH</b>       | <b>31.68 A</b>  |
| @ 8 Hour Rate   | <b>310 AH</b>       | <b>38.70 A</b>  |
| @ 5 Hour Rate   | <b>284 AH</b>       | <b>56.88 A</b>  |
| @ 1 Hour Rate   | <b>144 AH</b>       | <b>144.00 A</b> |

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

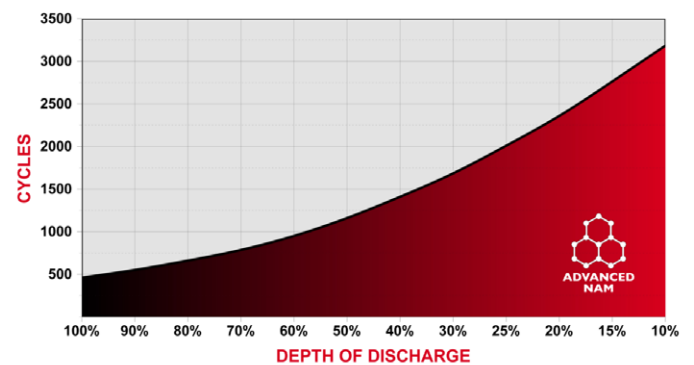


|                   |         |         |
|-------------------|---------|---------|
| Weight            | 46.5 kg | 103 lbs |
| Length            | 31.1 cm | 12.25"  |
| Width             | 18.1 cm | 7.13"   |
| Height Inc. Term. | 36.2 cm | 14.25"  |

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 | 44 mm                 | 1.75" |
| Container           | Polypropylene         |       |
| Cover               | Polypropylene         |       |
| Handles             | Rope / Plastic Handle |       |

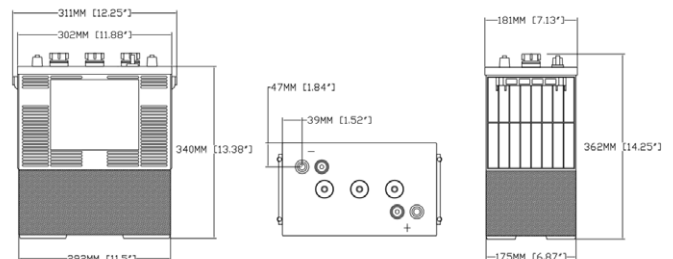
### Cycle Life vs. Depth of Discharge



### 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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