



|                   |                            |             |        |
|-------------------|----------------------------|-------------|--------|
| Series            | FLA FS SERIES              | Warranty    | 1 Year |
| Volts             | 12                         | Design      | GC12   |
| Cells             | 6                          | Plates/Cell | 11     |
| Terminal Type     | UTL                        |             |        |
| Included Hardware | Stainless Steel K-Lock Nut |             |        |
| Size & Thread     | 5/16"-18                   |             |        |

### Charge | Discharge

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

### Capacity

|                                    |             |
|------------------------------------|-------------|
| Cold Crank Amps (CCA) 0°F / -18°C  | 563         |
| Marine Crank Amps (MCA) 32°F / 0°C | 703         |
| Reserve Capacity (RC @ 25A)        | 280 Minutes |
| Reserve Capacity (RC @ 56A)        | 100 Minutes |
| Reserve Capacity (RC @ 75A)        | 69 Minutes  |

| Capacity Affect by Temperature | 40°C<br>(104°F) | 25°C<br>(77°F) | 0°C<br>(32°F) | -15°C<br>(5°F) |
|--------------------------------|-----------------|----------------|---------------|----------------|
|                                | 105%            | 100%           | 75%           | 50%            |

| Hour Rate       | Capacity / AMP Hour | Current / AMPs |
|-----------------|---------------------|----------------|
| @ 100 Hour Rate | <b>206 AH</b>       | <b>2.06 A</b>  |
| @ 72 Hour Rate  | <b>195 AH</b>       | <b>2.71 A</b>  |
| @ 50 Hour Rate  | <b>184 AH</b>       | <b>3.69 A</b>  |
| @ 20 Hour Rate  | <b>155 AH</b>       | <b>7.75 A</b>  |
| @ 15 Hour Rate  | <b>147 AH</b>       | <b>9.82 A</b>  |
| @ 10 Hour Rate  | <b>136 AH</b>       | <b>13.64 A</b> |
| @ 8 Hour Rate   | <b>133 AH</b>       | <b>16.66 A</b> |
| @ 5 Hour Rate   | <b>122 AH</b>       | <b>24.49 A</b> |
| @ 1 Hour Rate   | <b>62 AH</b>        | <b>62 A</b>    |

### Specifications

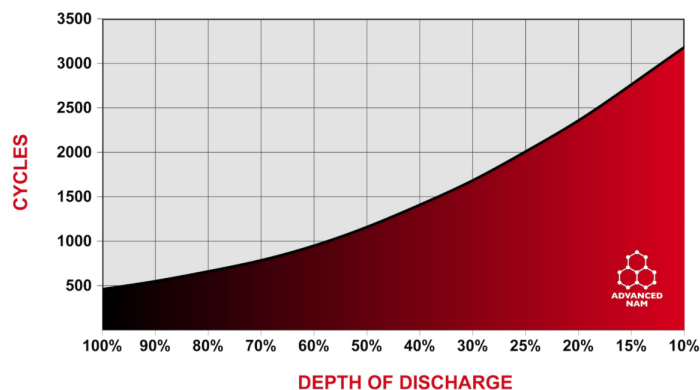
|                    |         |          |
|--------------------|---------|----------|
| Weight             | 37.5 kg | 82.5 lbs |
| Length             | 333 mm  | 13.13"   |
| Width              | 182 mm  | 7.17"    |
| Height Incl. Term. | 274 mm  | 10.8"    |

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

|                     |                           |      |
|---------------------|---------------------------|------|
| Electrolyte Reserve | 38 mm                     | 1.5" |
| 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

