



|                   |                                            |             |         |
|-------------------|--------------------------------------------|-------------|---------|
| Series            | FLA SERIES 5000                            | Warranty    | 5 Years |
| Volts             | 4                                          | Design      | SPEC    |
| Cells             | 2                                          | Plates/Cell | 25      |
| Terminal Type     | Flag                                       |             |         |
| Included Hardware | S/S Hex Cap Screw, Nut, Lock & Flat Washer |             |         |
| Size & Thread     | 5/16"-18                                   |             |         |
| Cables            | 19" 4/0 interconnect cables *RE incl.      |             |         |

### Charge | Discharge

|                      |                                 |
|----------------------|---------------------------------|
| Charge Voltage Range | 2.45-2.5 V/cell @ 25°C (77°F)   |
| Float Voltage Range  | 2.25 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  |                 | 3305           |               |                |  |
| Marine Crank Amps (MCA) 32°F / 0°C |                 | 4131           |               |                |  |
| Reserve Capacity (RC @ 25A)        |                 | 3370 Minutes   |               |                |  |
| Reserve Capacity (RC @ 75A)        |                 | 1123 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>1811 AH</b>      | <b>18.11 A</b>  |
| @ 72 Hour Rate  | <b>1713 AH</b>      | <b>23.79 A</b>  |
| @ 50 Hour Rate  | <b>1622 AH</b>      | <b>32.43 A</b>  |
| @ 20 Hour Rate  | <b>1404 AH</b>      | <b>70.20 A</b>  |
| @ 15 Hour Rate  | <b>1306 AH</b>      | <b>87.05 A</b>  |
| @ 10 Hour Rate  | <b>1250 AH</b>      | <b>124.96 A</b> |
| @ 8 Hour Rate   | <b>1207 AH</b>      | <b>150.93 A</b> |
| @ 5 Hour Rate   | <b>1123 AH</b>      | <b>224.64 A</b> |
| @ 1 Hour Rate   | <b>632 AH</b>       | <b>631.80 A</b> |

### Specifications

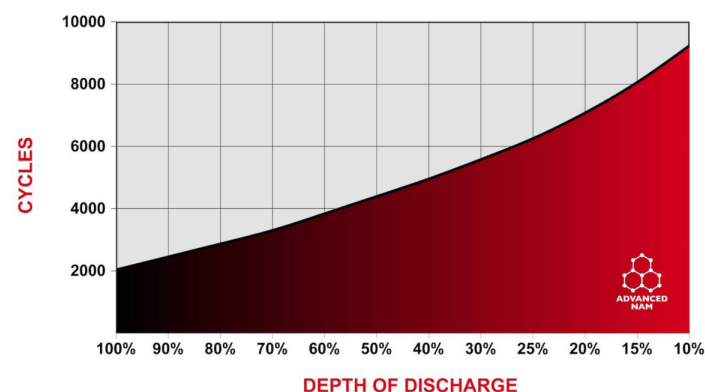
|                    |          |         |
|--------------------|----------|---------|
| Weight             | 142.5 kg | 314 lbs |
| Length             | 400 mm   | 15.75"  |
| Width              | 270 mm   | 10.63"  |
| Height Incl. Term. | 629 mm   | 24.75"  |

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

|                     |                                                       |       |
|---------------------|-------------------------------------------------------|-------|
| Electrolyte Reserve | 95 mm                                                 | 3.75" |
| Container (Inner)   | Polypropylene                                         |       |
| Cover (Inner)       | Polypropylene - heat sealed to inner container        |       |
| Container (Outer)   | High Density Polyethylene                             |       |
| Cover (Outer)       | High Density Polyethylene snap fit to outer container |       |
| Handles             | Molded                                                |       |

- 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 | 2.05 V | 2.02 V | 1.96 V | 1.75 V |
| 6 HR AH RATE  | 2.10 V | 2.04 V | 2.00 V | 1.95 V | 1.75 V |
| 1 HR AH RATE  | 2.10 V | 2.03 V | 1.99 V | 1.94 V | 1.75 V |

### Detailed Illustration

