



|                   |                            |             |        |
|-------------------|----------------------------|-------------|--------|
| Series            | FLA FS SERIES              | Warranty    | 1 Year |
| Volts             | 6                          | Design      | 903    |
| Cells             | 3                          | Plates/Cell | 17     |
| Terminal Type     | DT                         |             |        |
| Included Hardware | Stainless Steel K-Lock Nut |             |        |
| Size & Thread     | 5/16"-18                   |             |        |

### 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)       |
| Recommended Charge Current | 50 A                            |
| Maximum Charge Current     | 85 A                            |
| Self-Discharge Rate        | 5%-10% per month at 25°C (77°F) |

### Capacity

|                                    |             |
|------------------------------------|-------------|
| Cold Crank Amps (CCA) 0°F / -18°C  | 1040        |
| Marine Crank Amps (MCA) 32°F / 0°C | 1299        |
| Reserve Capacity (RC @ 25A)        | 828 Minutes |
| Reserve Capacity (RC @ 75A)        | 218 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>489 AH</b>       | <b>4.89 A</b>   |
| @ 72 Hour Rate  | <b>476 AH</b>       | <b>6.61 A</b>   |
| @ 50 Hour Rate  | <b>459 AH</b>       | <b>9.18 A</b>   |
| @ 20 Hour Rate  | <b>425 AH</b>       | <b>21.25 A</b>  |
| @ 15 Hour Rate  | <b>400 AH</b>       | <b>26.63 A</b>  |
| @ 10 Hour Rate  | <b>383 AH</b>       | <b>38.25 A</b>  |
| @ 8 Hour Rate   | <b>366 AH</b>       | <b>45.69 A</b>  |
| @ 5 Hour Rate   | <b>340 AH</b>       | <b>68.0 A</b>   |
| @ 1 Hour Rate   | <b>200 AH</b>       | <b>199.75 A</b> |

### Specifications

|                    |          |           |
|--------------------|----------|-----------|
| Weight             | 55.5 kg  | 122.5 lbs |
| Length             | 311 mm   | 12.25"    |
| Width              | 181 mm   | 7.13"     |
| Height Incl. Term. | 425.5 mm | 16.75"    |

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

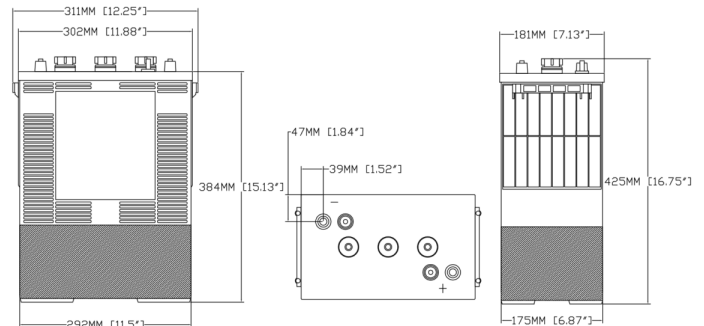
|                     |                            |       |
|---------------------|----------------------------|-------|
| Electrolyte Reserve | 57 mm                      | 2.25" |
| Container           | High Density Polypropylene |       |
| Cover               | High Density Polypropylene |       |
| Handles             | Rope / Plastic Handle      |       |

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

### 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



Designed in compliance with applicable BCI, DIN, BS & IEC standards.  
 Tested in compliance to BCI & IEC standards.



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