



|                   |  |             |         |
|-------------------|--|-------------|---------|
| Series            | 5000                                       | Warranty    | 5 Years |
| Volts             | 2  | Design      | SPEC    |
| Cells             | 1  | Plates/Cell | 33      |
| Terminal Type     | Flag                                       |             |         |
| Included Hardware | S/S Hex Cap Screw, Nut, Lock & Flat Washer |             |         |
| 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)       |
| Self-Discharge Rate  | 5%-10% per month at 25°C (77°F) |

### Capacity

|                                    |              |
|------------------------------------|--------------|
| Cold Crank Amps (CCA) 0°F / -18°C  | 4536         |
| Marine Crank Amps (MCA) 32°F / 0°C | 5670         |
| Reserve Capacity (RC @ 25A)        | 4692 Minutes |
| Reserve Capacity (RC @ 75A)        | 1564 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>2522 AH</b>      | <b>25.22 A</b>  |
| @ 72 Hour Rate  | <b>2385 AH</b>      | <b>33.13 A</b>  |
| @ 50 Hour Rate  | <b>2258 AH</b>      | <b>45.17 A</b>  |
| @ 20 Hour Rate  | <b>1955 AH</b>      | <b>97.76 A</b>  |
| @ 15 Hour Rate  | <b>1818 AH</b>      | <b>121.22 A</b> |
| @ 10 Hour Rate  | <b>1740 AH</b>      | <b>174.01 A</b> |
| @ 8 Hour Rate   | <b>1681 AH</b>      | <b>210.18 A</b> |
| @ 5 Hour Rate   | <b>1564 AH</b>      | <b>312.83 A</b> |
| @ 1 Hour Rate   | <b>880 AH</b>       | <b>879.84 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

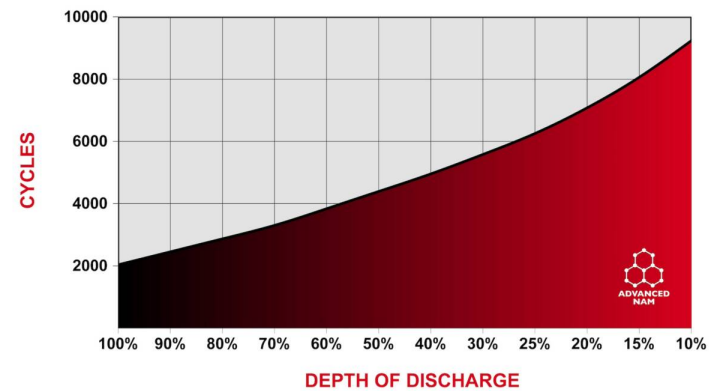
|                    |          |           |
|--------------------|----------|-----------|
| Weight             | 100.5 kg | 221.5 lbs |
| Length             | 392 mm   | 15.44"    |
| Width              | 211 mm   | 8.31"     |
| Height Incl. Term. | 630 mm   | 24.81"    |

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 |



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

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