



| | | | |
|-------------------|--------------------------------------------|-------------|--------------------|
| Series | 5000 | Warranty | See Warranty Terms |
| Volts | 6 | Design | SPEC |
| Cells | 3 | Plates/Cell | 21 |
| 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 | | 1742 | | | |
| Marine Crank Amps (MCA) 32°F / 0°C | | 2177 | | | |
| Reserve Capacity (RC @ 25A) | | 1705 Minutes | | | |
| Reserve Capacity (RC @ 75A) | | 568 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 | 916 AH | 9.16 A |
| @ 72 Hour Rate | 867 AH | 12.04 A |
| @ 50 Hour Rate | 820 AH | 16.41 A |
| @ 20 Hour Rate | 710 AH | 35.52 A |
| @ 15 Hour Rate | 661 AH | 44.04 A |
| @ 10 Hour Rate | 632 AH | 63.22 A |
| @ 8 Hour Rate | 611 AH | 76.36 A |
| @ 5 Hour Rate | 568 AH | 113.65 A |
| @ 1 Hour Rate | 320 AH | 319.64 A |

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

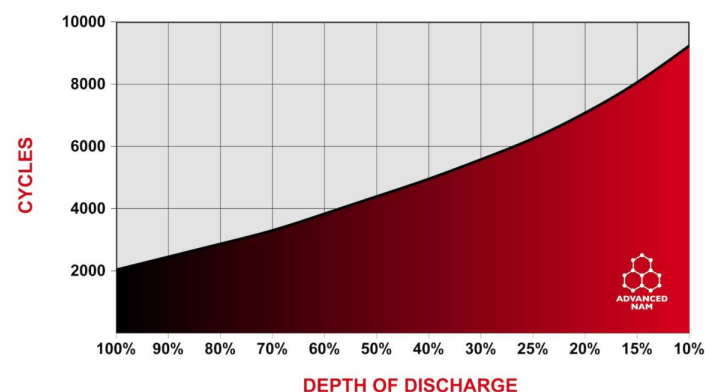
| | | |
|--------------------|----------|---------|
| Weight | 122.5 kg | 270 lbs |
| Length | 559 mm | 22" |
| Width | 248 mm | 9.75" |
| Height Incl. Term. | 464 mm | 18.25" |

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

