



| | | | |
|---------------|-----------|-------------|---------|
| Series | 5000 | Warranty | 5 Years |
| Volts | 32 | Design | SLI |
| Cells | 16 | Plates/Cell | 35 |
| Terminal Type | Paddle RR | | |

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 | 2926 |
| Marine Crank Amps (MCA) 32°F / 0°C | 3658 |
| Reserve Capacity (RC @ 25A) | 2246 Minutes |
| Reserve Capacity (RC @ 75A) | 749 Minutes |

| Hour Rate | Capacity / AMP Hour | Current / AMPs |
|-----------------|---------------------|-----------------|
| @ 100 Hour Rate | 1119 AH | 11.19 A |
| @ 72 Hour Rate | 1090 AH | 15.14 A |
| @ 50 Hour Rate | 1051 AH | 21.02 A |
| @ 20 Hour Rate | 973 AH | 48.65 A |
| @ 15 Hour Rate | 915 AH | 60.97 A |
| @ 10 Hour Rate | 876 AH | 87.57 A |
| @ 8 Hour Rate | 837 AH | 104.6 A |
| @ 5 Hour Rate | 778 AH | 155.68 A |
| @ 1 Hour Rate | 457 AH | 457.31 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

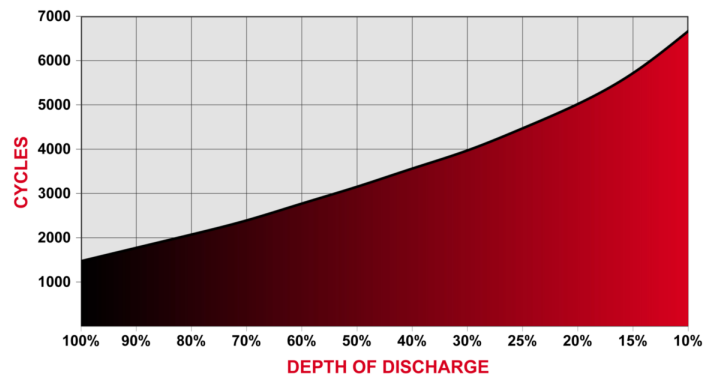
| | | |
|--------------------|----------|----------|
| Weight | 758.5 kg | 1672 lbs |
| Length | 1092 mm | 43" |
| Width | 699 mm | 27.5" |
| Height Incl. Term. | 514 mm | 20.25" |

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

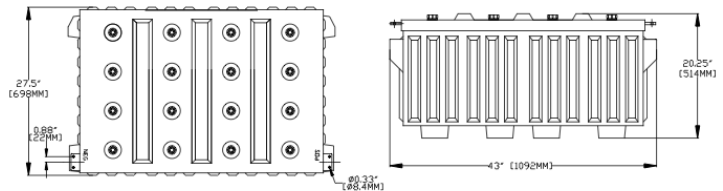
| | | |
|---------------------|---|-------|
| Electrolyte Reserve | 95 mm | 3.75" |
| Container (Inner) | Polypropylene | |
| Cover (Inner) | Polypropylene - heat sealed to inner container | |
| Container (Outer) | High Density Polyethylene | |
| Cover (Outer) | High Density Polyethylene snap fit to outer container | |
| Handles | None | |

- Compatible with Flow-rite single-point watering system for locomotive batteries
- 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



Detailed Illustration



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

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