

| | | | |
|-------------------|----------------------------|-------------|--------|
| Series | FLA FS SERIES | Warranty | 1 Year |
| Volts | 6 | Design | GC2 |
| Cells | 3 | Plates/Cell | 15 |
| 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) |
| Self-Discharge Rate | 5%-10% per month at 25°C (77°F) |

Capacity

| | |
|------------------------------------|-------------|
| Cold Crank Amps (CCA) 0°F / -18°C | 547 |
| Marine Crank Amps (MCA) 32°F / 0°C | 684 |
| Reserve Capacity (RC @ 25A) | 434 Minutes |
| Reserve Capacity (RC @ 75A) | 112 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 | 275 AH | 2.75 A |
| @ 72 Hour Rate | 271 AH | 3.76 A |
| @ 50 Hour Rate | 256 AH | 5.12 A |
| @ 20 Hour Rate | 215 AH | 10.75 A |
| @ 15 Hour Rate | 204 AH | 13.62 A |
| @ 10 Hour Rate | 189 AH | 18.92 A |
| @ 8 Hour Rate | 185 AH | 23.11 A |
| @ 5 Hour Rate | 170 AH | 33.97 A |
| @ 1 Hour Rate | 86 AH | 86 A |

Specifications

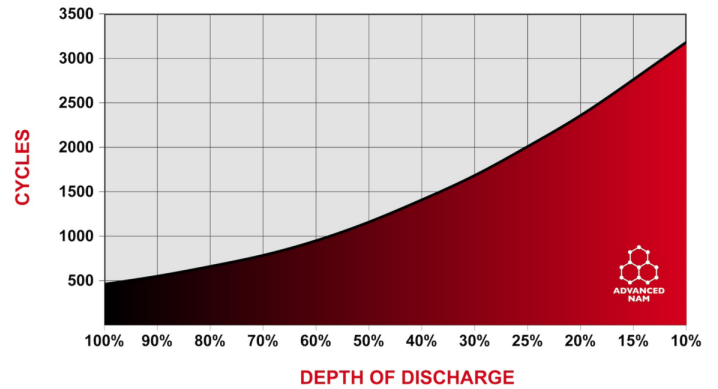
| | | |
|--------------------|--------|----------|
| Weight | 27 kg | 59.5 lbs |
| Length | 259 mm | 10.19" |
| Width | 181 mm | 7.13" |
| Height Incl. Term. | 279 mm | 11" |

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 | Polypropylene | |
| Cover | Polypropylene | |
| Handles | Top Molded Strap Brackets | |

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

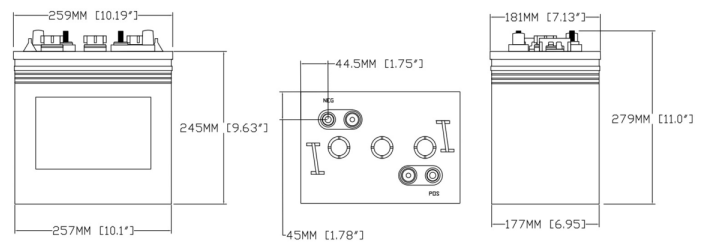
Cycle Life vs. Depth of Discharge



Voltage vs. Depth of Discharge

| DISCHARGE | 0% | 25% | 50% | 75% | 100% |
|---------------|--------|--------|--------|--------|--------|
| 20 HR AH RATE | 2.10 V | 2.07 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



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



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