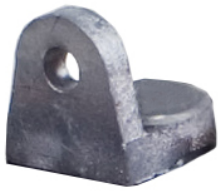
# FLOODED DEEP CYCLE BATTERY

# S2 L16-SC





| | | | |
|---|---|---|---|
| Series | FLA SERIES 4000 | Warranty | 3 Years |
| Volts | 2 | Design | L16 |
| Cells | 1 | Plates/Cell | 53 |
| Terminal Type | LT | | |
| Included Hardware | S/S Hex Cap Screw, Nut, Lock & Flat Washer | | |
| Size & Thread | 5/16"-18 | | |
| Cables | Optional: 19" 4/0 interconnect cable | | |

## 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 | 175 A |
| Maximum Charge Current | 290 A |
| Self-Discharge Rate | 5%-10% per month at 25°C (77°F) |

## Capacity

| | |
|---|---|
| Cold Crank Amps (CCA) 0°F / -18°C | 3378 |
| Marine Crank Amps (MCA) 32°F / 0°C | 4223 |
| Reserve Capacity (RC @ 25A) | 2909 Minutes |
| Reserve Capacity (RC @ 75A) | 764 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 | **1728 AH** | **17.28 A** |
| @ 72 Hour Rate | **1683 AH** | **23.38 A** |
| @ 50 Hour Rate | **1623 AH** | **32.46 A** |
| @ 20 Hour Rate | **1503 AH** | **75.15 A** |
| @ 15 Hour Rate | **1413 AH** | **94.19 A** |
| @ 10 Hour Rate | **1353 AH** | **135.27 A** |
| @ 8 Hour Rate | **1293 AH** | **161.57 A** |
| @ 5 Hour Rate | **1202 AH** | **240.48 A** |
| @ 1 Hour Rate | **706 AH** | **706.41 A** |

## Specifications

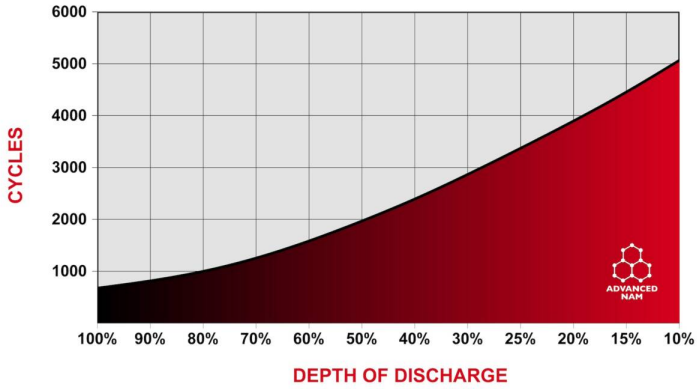
| | | |
|---|---|---|
| Weight | 59 kg | 130 lbs |
| Length | 318 mm | 12.5" |
| Width | 181 mm | 7.13" |
| Height Incl. Term. | 432 mm | 17" |

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

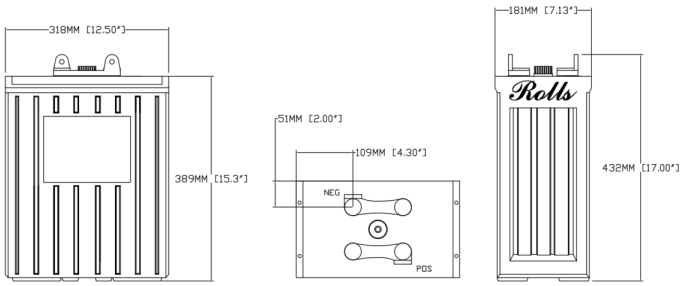
## Cycle Life vs. Depth of Discharge




## 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




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

intertek
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