

Rolls



FLOODED DEEP CYCLE BATTERY

S6 L16-EX



| | | | |
|-------------------|--------------------------------------------|-------------|---------|
| Series | 4500 | Warranty | 4 Years |
| Volts | 6 | BCI | L16 |
| Cells | 3 | Plates/Cell | 11 |
| 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

| | |
|----------------------------|---------------------------------|
| 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 | 45 A |
| Maximum Charge Current | 70 A |
| Self-Discharge Rate | 5%-10% per month at 25°C (77°F) |

Capacity

| | |
|------------------------------------|-------------------------------------------------|
| Cold Crank Amps (CCA) 0°F / -18°C | 871 |
| Marine Crank Amps (MCA) 32°F / 0°C | 1088 |
| Reserve Capacity (RC @ 25A) | 890 Minutes |
| Reserve Capacity (RC @ 75A) | 297 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 | 479 AH | 4.79 A |
| @ 72 Hour Rate | 453 AH | 6.29 A |
| @ 50 Hour Rate | 429 AH | 8.57 A |
| @ 20 Hour Rate | 371 AH | 18.55 A |
| @ 15 Hour Rate | 345 AH | 23.00 A |
| @ 10 Hour Rate | 330 AH | 33.02 A |
| @ 8 Hour Rate | 319 AH | 39.88 A |
| @ 5 Hour Rate | 297 AH | 59.36 A |
| @ 1 Hour Rate | 167 AH | 166.95 A |

Amphere hour capacity ratings based on specific gravity of 1.280 at 25°C (77°F). Reduce capacities 5% for specific gravity of 1.265 and 10% for 1.250.

Specifications



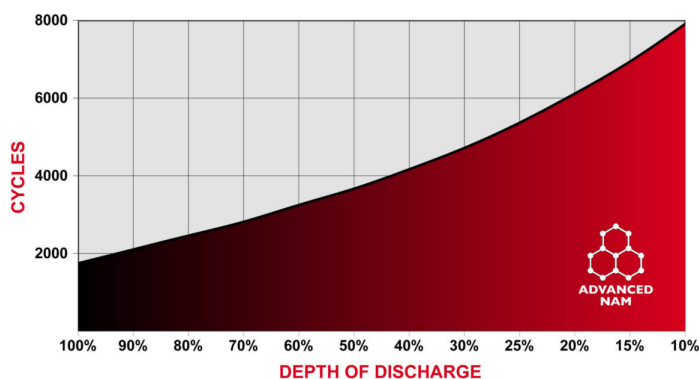
SAI GLOBAL
ISO 9001
Quality

| | | |
|-------------------|----------|---------|
| Weight | 59 kg | 130 lbs |
| Length | 31.8 cm | 12.5" |
| Width | 18.1 cm | 7.13" |
| Height Inc. Term. | 42.55 cm | 16.75" |

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

| | | |
|---------------------|----------------------------|-------|
| Electrolyte Reserve | 57 mm | 2.25" |
| Container | High Density Polypropylene | |
| Cover | High Density Polypropylene | |
| Handles | Rope / Plastic Handle | |

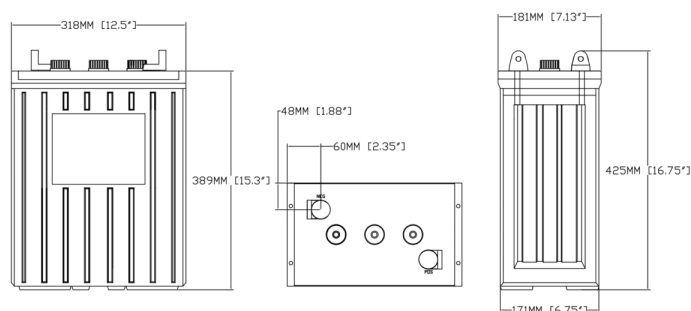
Cycle Life vs. Depth of Discharge



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



Rev.#2 | May 2019