



|                   |  |             |         |
|-------------------|--|-------------|---------|
| Series            | 4000                                       | Warranty    | 3 Years |
| Volts             | 2  | BCI         | 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

|                            |                                 |
|----------------------------|---------------------------------|
| 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 | <b>1728 AH</b>      | <b>17.28 A</b>  |
| @ 72 Hour Rate  | <b>1683 AH</b>      | <b>23.38 A</b>  |
| @ 50 Hour Rate  | <b>1623 AH</b>      | <b>32.46 A</b>  |
| @ 20 Hour Rate  | <b>1503 AH</b>      | <b>75.15 A</b>  |
| @ 15 Hour Rate  | <b>1413 AH</b>      | <b>94.19 A</b>  |
| @ 10 Hour Rate  | <b>1353 AH</b>      | <b>135.27 A</b> |
| @ 8 Hour Rate   | <b>1293 AH</b>      | <b>161.57 A</b> |
| @ 5 Hour Rate   | <b>1202 AH</b>      | <b>240.48 A</b> |
| @ 1 Hour Rate   | <b>706 AH</b>       | <b>706.41 A</b> |

Ampere 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



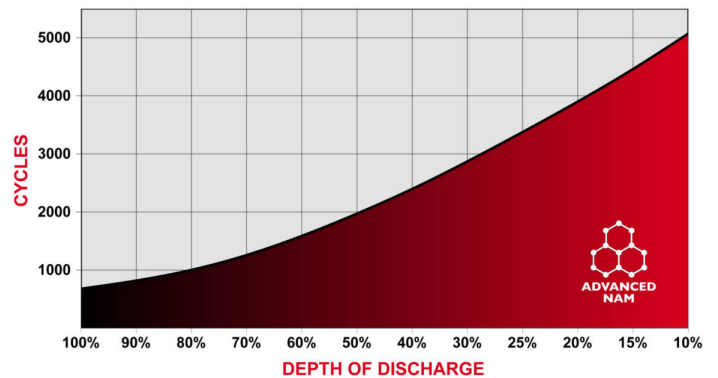
SAI GLOBAL  
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Quality

|                   |         |         |
|-------------------|---------|---------|
| Weight            | 59 kg   | 130 lbs |
| Length            | 31.8 cm | 12.5"   |
| Width             | 18.1 cm | 7.13"   |
| Height Inc. Term. | 43.2 cm | 17"     |

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 | 2.07 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

