



|                   |                            |             |         |
|-------------------|----------------------------|-------------|---------|
| Series            | 4000                       | Warranty    | 3 Years |
| Volts             | 6                          | BCI         | GC2     |
| Cells             | 3                          | Plates/Cell | 17      |
| Terminal Type     | DT                         |             |         |
| Included Hardware | Stainless Steel K-Lock Nut |             |         |
| Size & Thread     | 5/16"-18                   |             |         |

### 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 | 30 A                            |  |  |
| Maximum Charge Current     | 45 A                            |  |  |
| Self-Discharge Rate        | 5%-10% per month at 25°C (77°F) |  |  |

### Capacity

|                                    |              |             |            |             |
|------------------------------------|--------------|-------------|------------|-------------|
| Cold Crank Amps (CCA) 0°F / -18°C  | 625          |             |            |             |
| Marine Crank Amps (MCA) 32°F / 0°C | 781          |             |            |             |
| Reserve Capacity (RC @ 25A)        | 445 Minutes  |             |            |             |
| Reserve Capacity (RC @ 75A)        | 117 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>294 AH</b>       | <b>2.94 A</b>  |
| @ 72 Hour Rate  | <b>290 AH</b>       | <b>4.03 A</b>  |
| @ 50 Hour Rate  | <b>274 AH</b>       | <b>5.47 A</b>  |
| @ 20 Hour Rate  | <b>230 AH</b>       | <b>11.5 A</b>  |
| @ 15 Hour Rate  | <b>219 AH</b>       | <b>14.57 A</b> |
| @ 10 Hour Rate  | <b>202 AH</b>       | <b>20.24 A</b> |
| @ 8 Hour Rate   | <b>198 AH</b>       | <b>24.73 A</b> |
| @ 5 Hour Rate   | <b>182 AH</b>       | <b>36.34 A</b> |
| @ 1 Hour Rate   | <b>92 AH</b>        | <b>92 A</b>    |

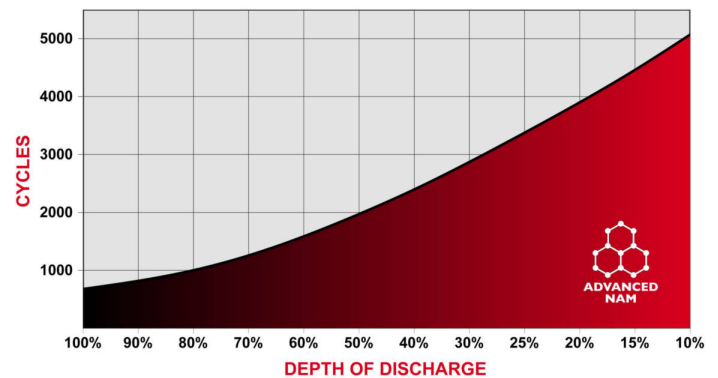
Ampere hour capacity ratings based on specific gravity of 1.280 at 27°C (80°F). Reduce capacities 5% for specific gravity of 1.265 and 10% for 1.250.

### Specifications

|                                       |                           |         |          |
|---------------------------------------|---------------------------|---------|----------|
| <br>SAI GLOBAL<br>ISO 9001<br>Quality | Weight                    | 31.5 kg | 69.5 lbs |
|                                       | Length                    | 25.9 cm | 10.19"   |
|                                       | Width                     | 18.1 cm | 7.13"    |
|                                       | Height Inc. Term.         | 27.9 cm | 11"      |
| Electrolyte Reserve                   | 57 mm                     | 2.25"   |          |
| Container                             | Polypropylene             |         |          |
| Cover                                 | Polypropylene             |         |          |
| Handles                               | Top Molded Strap Brackets |         |          |

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

### 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

