



|                   |  |          |         |
|-------------------|--|----------|---------|
| Series            | 4000                                       | Warranty | 3 Years |
| Volts             | 12   | BCI      | G24     |
| Cells             | 6  |          |         |
| Terminal Type     | DT   |          |         |
| Included Hardware | S/S Hex Cap Screw, Nut, Lock & Flat Washer |          |         |
| 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 | 10 A                            |
| Maximum Charge Current     | 20 A                            |
| Self-Discharge Rate        | 5%-10% per month at 25°C (77°F) |

### Capacity

|                                    |             |
|------------------------------------|-------------|
| Cold Crank Amps (CCA) 0°F / -18°C  | 550         |
| Marine Crank Amps (MCA) 32°F / 0°C | 690         |
| Reserve Capacity (RC @ 25A)        | 150 Minutes |
| Reserve Capacity (RC @ 75A)        | 43 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>106 AH</b>       | <b>1.06 A</b>  |
| @ 20 Hour Rate  | <b>85 AH</b>        | <b>4.25 A</b>  |
| @ 15 Hour Rate  | <b>80 AH</b>        | <b>5.33 A</b>  |
| @ 10 Hour Rate  | <b>72 AH</b>        | <b>7.23 A</b>  |
| @ 8 Hour Rate   | <b>71 AH</b>        | <b>8.82 A</b>  |
| @ 5 Hour Rate   | <b>69 AH</b>        | <b>13.8 A</b>  |
| @ 1 Hour Rate   | <b>31 AH</b>        | <b>30.6 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



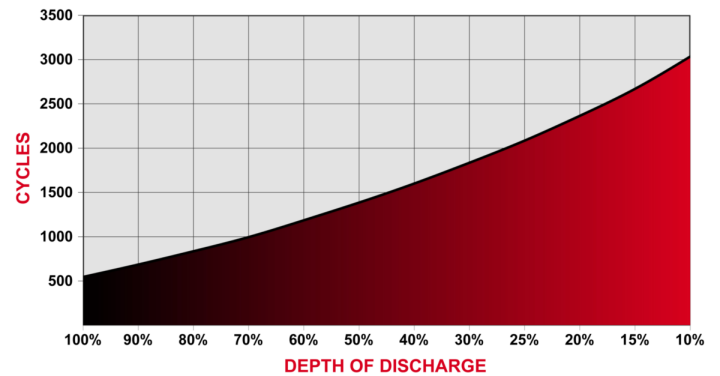
SAI GLOBAL  
ISO 9001  
Quality

|                   |         |          |
|-------------------|---------|----------|
| Weight            | 21.5 kg | 47.5 lbs |
| Length            | 27.9 cm | 11"      |
| Width             | 17.1 cm | 6.75"    |
| Height Inc. Term. | 23.8 cm | 9.38"    |

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

|           |               |
|-----------|---------------|
| Container | ABS           |
| Cover     | ABS           |
| Handles   | Plastic Strap |

### 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

