



|                   |  |             |         |
|-------------------|--|-------------|---------|
| Series            | 5000                                       | Warranty    | 5 Years |
| Volts             | 4  | BCI         | SPEC    |
| Cells             | 2  | Plates/Cell | 27      |
| Terminal Type     | Flag                                       |             |         |
| Included Hardware | S/S Hex Cap Screw, Nut, Lock & Flat Washer |             |         |
| Size & Thread     | 5/16"-18                                   |             |         |
| Cables            | 19" 4/0 interconnect cables *RE incl.      |             |         |

### 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)       |
| Self-Discharge Rate  | 5%-10% per month at 25°C (77°F) |

### Capacity

|                                    |              |             |            |             |
|------------------------------------|--------------|-------------|------------|-------------|
| Cold Crank Amps (CCA) 0°F / -18°C  | 3580         |             |            |             |
| Marine Crank Amps (MCA) 32°F / 0°C | 4475         |             |            |             |
| Reserve Capacity (RC @ 25A)        | 3644 Minutes |             |            |             |
| Reserve Capacity (RC @ 75A)        | 1215 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>1959 AH</b>      | <b>19.59 A</b>  |
| @ 72 Hour Rate  | <b>1852 AH</b>      | <b>25.73 A</b>  |
| @ 50 Hour Rate  | <b>1754 AH</b>      | <b>35.08 A</b>  |
| @ 20 Hour Rate  | <b>1518 AH</b>      | <b>75.92 A</b>  |
| @ 15 Hour Rate  | <b>1412 AH</b>      | <b>94.14 A</b>  |
| @ 10 Hour Rate  | <b>1351 AH</b>      | <b>135.14 A</b> |
| @ 8 Hour Rate   | <b>1306 AH</b>      | <b>163.23 A</b> |
| @ 5 Hour Rate   | <b>1215 AH</b>      | <b>242.94 A</b> |
| @ 1 Hour Rate   | <b>683 AH</b>       | <b>683.28 A</b> |

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



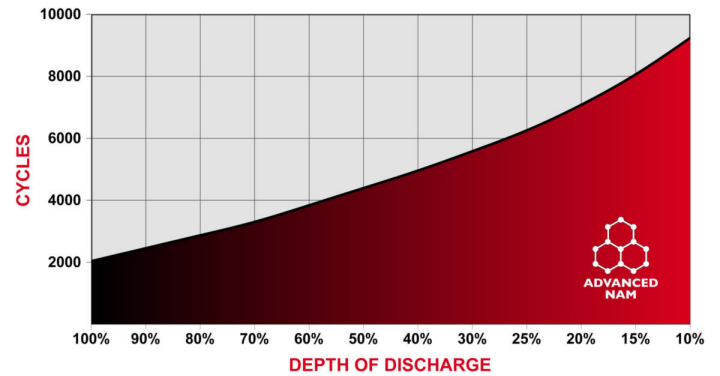
SAI GLOBAL  
ISO 9001  
Quality

|                   |          |           |
|-------------------|----------|-----------|
| Weight            | 153.5 kg | 338.5 lbs |
| Length            | 40 cm    | 15.75"    |
| Width             | 27 cm    | 10.63"    |
| Height Inc. Term. | 62.9 cm  | 24.75"    |

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 | 95 mm   | 3.75" |
| Container (Inner)   | Polypropylene   |       |
| Cover (Inner)       | Polypropylene - heat sealed to inner container        |       |
| Container (Outer)   | High Density Polyethylene                             |       |
| Cover (Outer)       | High Density Polyethylene snap fit to outer container |       |
| Handles             | Molded  |       |

### 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 |