



| | | | |
|-------------------|--|----------|---------|
| Series | 4000 | Warranty | 3 Years |
| Volts | 12 | BCI | Grp 24 |
| 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 | 106 AH | 1.06 A |
| @ 20 Hour Rate | 85 AH | 4.25 A |
| @ 15 Hour Rate | 80 AH | 5.33 A |
| @ 10 Hour Rate | 72 AH | 7.23 A |
| @ 8 Hour Rate | 71 AH | 8.82 A |
| @ 5 Hour Rate | 69 AH | 13.8 A |
| @ 1 Hour Rate | 31 AH | 30.6 A |

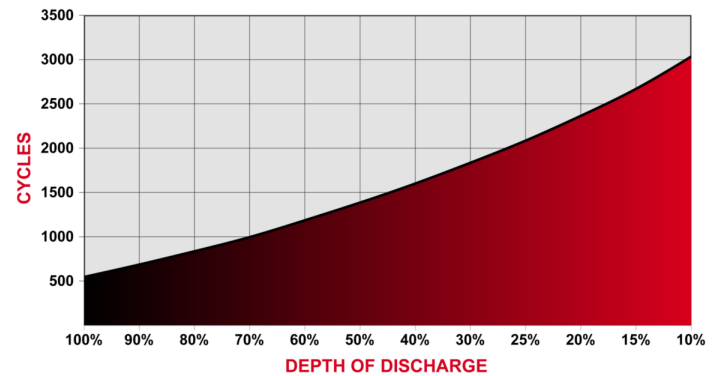
Ampere hour capacity ratings based on specific gravity of 1.280 at 27°C (80°F). Reduce capacities 5% for specific gravity of 1.265 and 10% for 1.250.

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" |
| Container | ABS | | |
| Cover | ABS | | |
| Handles | Plastic Strap | | |

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

