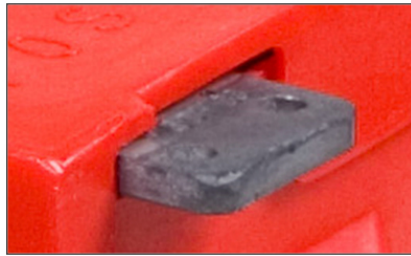


## FLOODED DEEP CYCLE BATTERY

## 6 HHG 31P



|                   |  |             |                    |
|-------------------|--|-------------|--------------------|
| Series            | 4000                                       | Warranty    | See Warranty Terms |
| Volts             | 6  | BCI         | SPEC               |
| Cells             | 3  | Plates/Cell | 31                 |
| Terminal Type     | Flag RR                                    |             |                    |
| 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)       |
| Self-Discharge Rate  | 5%-10% per month at 25°C (77°F) |

### Capacity

|                                    |              |             |            |             |
|------------------------------------|--------------|-------------|------------|-------------|
| Cold Crank Amps (CCA) 0°F / -18°C  | 1337         |             |            |             |
| Marine Crank Amps (MCA) 32°F / 0°C | 1671         |             |            |             |
| Reserve Capacity (RC @ 25A)        | 826 Minutes  |             |            |             |
| Reserve Capacity (RC @ 75A)        | 275 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>458 AH</b>       | <b>4.58 A</b>  |
| @ 72 Hour Rate  | <b>433 AH</b>       | <b>6.02 A</b>  |
| @ 50 Hour Rate  | <b>409 AH</b>       | <b>8.19 A</b>  |
| @ 20 Hour Rate  | <b>344 AH</b>       | <b>17.2 A</b>  |
| @ 15 Hour Rate  | <b>327 AH</b>       | <b>21.79 A</b> |
| @ 10 Hour Rate  | <b>303 AH</b>       | <b>30.27 A</b> |
| @ 8 Hour Rate   | <b>296 AH</b>       | <b>36.98 A</b> |
| @ 5 Hour Rate   | <b>272 AH</b>       | <b>54.35 A</b> |
| @ 1 Hour Rate   | <b>138 AH</b>       | <b>137.6 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.

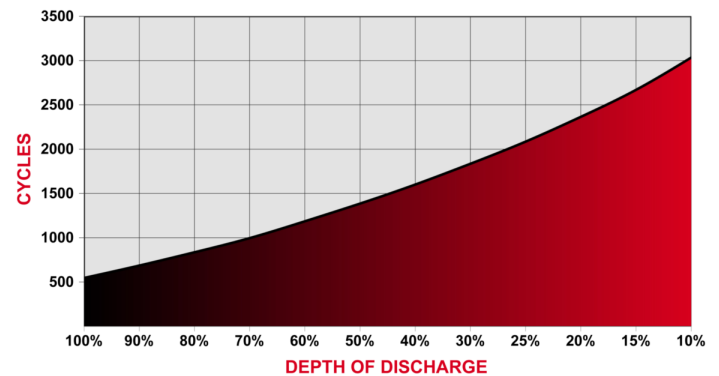
### Specifications

|  |                   |         |           |
|--|-------------------|---------|-----------|
|  | Weight            | 56.5 kg | 124.5 lbs |
|  | Length            | 52.7 cm | 20.75"    |
|  | Width             | 20.3 cm | 8"        |
|  | Height Inc. Term. | 30.2 cm | 11.88"    |

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

|                     |   |       |
|---------------------|---|-------|
| Electrolyte Reserve | 70 mm   | 2.75" |
| 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 | 2.07 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 |

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