

# Rolls



## FLOODED DEEP CYCLE BATTERY

## 8 CS 25P



|                   |  |             |         |
|-------------------|--|-------------|---------|
| Series            | 5000                                       | Warranty    | 5 Years |
| Volts             | 8  | BCI         | SPEC    |
| Cells             | 4  | Plates/Cell | 25      |
| Terminal Type     | Flag                                       |             |         |
| 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 / -17°C  | 2090         |
| Marine Crank Amps (MCA) 32°F / 0°C | 2612         |
| Reserve Capacity (RC @ 25A)        | 2047 Minutes |
| Reserve Capacity (RC @ 75A)        | 682 Minutes  |

| Hour Rate       | Capacity / AMP Hour | Current / AMPs  |
|-----------------|---------------------|-----------------|
| @ 100 Hour Rate | <b>1100 AH</b>      | <b>11.00 A</b>  |
| @ 72 Hour Rate  | <b>1040 AH</b>      | <b>14.45 A</b>  |
| @ 50 Hour Rate  | <b>985 AH</b>       | <b>19.70 A</b>  |
| @ 20 Hour Rate  | <b>853 AH</b>       | <b>42.64 A</b>  |
| @ 15 Hour Rate  | <b>793 AH</b>       | <b>52.87 A</b>  |
| @ 10 Hour Rate  | <b>759 AH</b>       | <b>75.90 A</b>  |
| @ 8 Hour Rate   | <b>733 AH</b>       | <b>91.68 A</b>  |
| @ 5 Hour Rate   | <b>682 AH</b>       | <b>136.45 A</b> |
| @ 1 Hour Rate   | <b>384 AH</b>       | <b>383.76 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



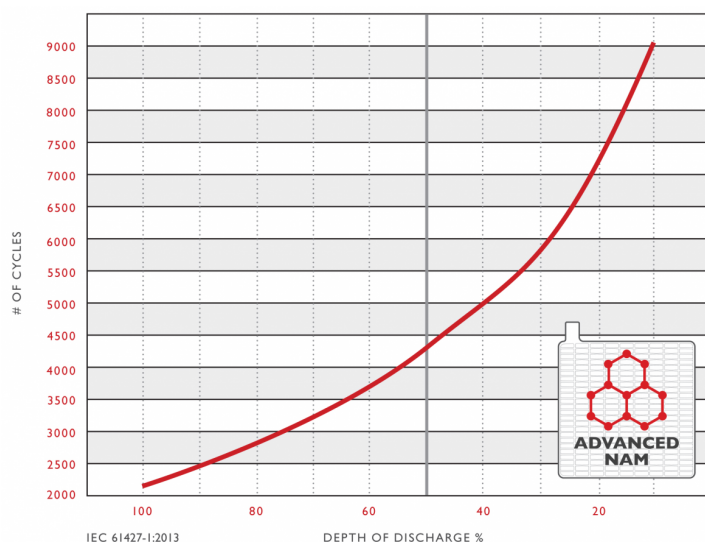
SAI GLOBAL  
ISO 9001  
Quality

|                   |         |           |
|-------------------|---------|-----------|
| Weight            | 192 kg  | 423.5 lbs |
| Length            | 71.8 cm | 28.25"    |
| Width             | 28.6 cm | 11.25"    |
| Height Inc. Term. | 46.4 cm | 18.25"    |

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

