

# Rolls



## FLOODED DEEP CYCLE BATTERY

## 16 CH 25P



|               |           |             |         |
|---------------|-----------|-------------|---------|
| Series        | 5000      | Warranty    | 5 Years |
| Volts         | 32        | BCI         | SPEC    |
| Cells         | 16        | Plates/Cell | 25      |
| Terminal Type | Paddle RR |             |         |

### 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  | 2066         |
| Marine Crank Amps (MCA) 32°F / 0°C | 2582         |
| Reserve Capacity (RC @ 25A)        | 1647 Minutes |
| Reserve Capacity (RC @ 75A)        | 549 Minutes  |

| Hour Rate       | Capacity / AMP Hour | Current / AMPs  |
|-----------------|---------------------|-----------------|
| @ 100 Hour Rate | <b>789 AH</b>       | <b>7.89 A</b>   |
| @ 72 Hour Rate  | <b>768 AH</b>       | <b>10.67 A</b>  |
| @ 50 Hour Rate  | <b>741 AH</b>       | <b>14.82 A</b>  |
| @ 20 Hour Rate  | <b>686 AH</b>       | <b>34.30 A</b>  |
| @ 15 Hour Rate  | <b>645 AH</b>       | <b>42.99 A</b>  |
| @ 10 Hour Rate  | <b>617 AH</b>       | <b>61.74 A</b>  |
| @ 8 Hour Rate   | <b>590 AH</b>       | <b>73.75 A</b>  |
| @ 5 Hour Rate   | <b>549 AH</b>       | <b>109.82 A</b> |
| @ 1 Hour Rate   | <b>322 AH</b>       | <b>322.42 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



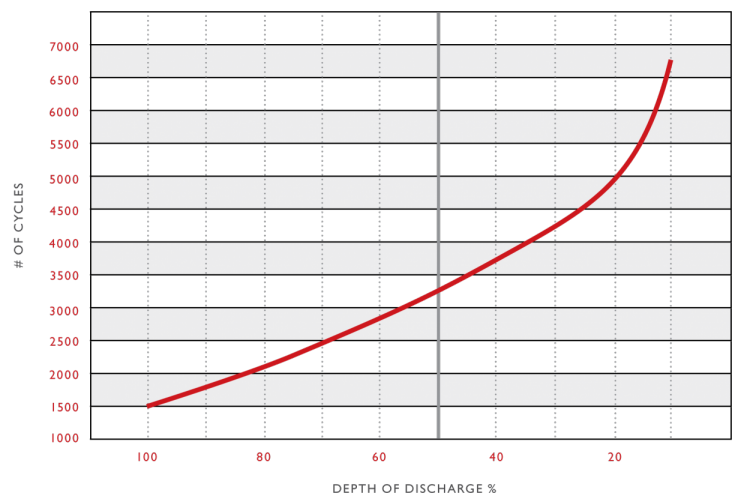
SAI GLOBAL  
ISO 9001  
Quality

|                   |          |          |
|-------------------|----------|----------|
| Weight            | 561.5 kg | 1238 lbs |
| Length            | 85.5 cm  | 33.67"   |
| Width             | 68.6 cm  | 27"      |
| Height Inc. Term. | 52.1 cm  | 20.5"    |

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             | None  |       |
| Notes               | Compatible with Flow-rite single-point watering system for locomotive batteries |       |

### Cycle Life vs. Depth of Discharge



### Voltage vs. Depth of Discharge

