

# Rolls



## FLOODED DEEP CYCLE BATTERY

## 6 FS L16-HC



|                   |  |             |        |
|-------------------|--|-------------|--------|
| Series            | FS   | Warranty    | 1 Year |
| Volts             | 6  | BCI         | 903    |
| Cells             | 3  | Plates/Cell | 17     |
| Terminal Type     | LT   |             |        |
| Included Hardware | S/S Hex Cap Screw, Nut, Lock & Flat Washer |             |        |
| Size & Thread     | 5/16"-18 x 1-1/2"                          |             |        |

### 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 Capacity (String) | 50 A                            |
| Maximum Charge Current (String)              | 85 A                            |
| Self-Discharge Rate                          | 5%-10% per month at 25°C (77°F) |

### Capacity

|                                    |             |
|------------------------------------|-------------|
| Cold Crank Amps (CCA) 0°F / -17°C  | 1040        |
| Marine Crank Amps (MCA) 32°F / 0°C | 1299        |
| Reserve Capacity (RC @ 25A)        | 828 Minutes |
| Reserve Capacity (RC @ 75A)        | 218 Minutes |

| Hour Rate       | Capacity / AMP Hour | Current / AMPS |
|-----------------|---------------------|----------------|
| @ 100 Hour Rate | <b>553 AH</b>       | <b>5.53 A</b>  |
| @ 72 Hour Rate  | <b>536 AH</b>       | <b>7.44 A</b>  |
| @ 50 Hour Rate  | <b>506 AH</b>       | <b>10.12 A</b> |
| @ 20 Hour Rate  | <b>425 AH</b>       | <b>21.25 A</b> |
| @ 15 Hour Rate  | <b>400 AH</b>       | <b>26.63 A</b> |
| @ 10 Hour Rate  | <b>361 AH</b>       | <b>36.13 A</b> |
| @ 8 Hour Rate   | <b>340 AH</b>       | <b>42.5 A</b>  |
| @ 5 Hour Rate   | <b>298 AH</b>       | <b>59.5 A</b>  |
| @ 1 Hour Rate   | <b>153 AH</b>       | <b>153 A</b>   |

Ampere hour capacity ratings based on specific gravity of 1.280. Reduce capacities 5% for specific gravity of 1.265 and 10% for 1.250.

### Specifications



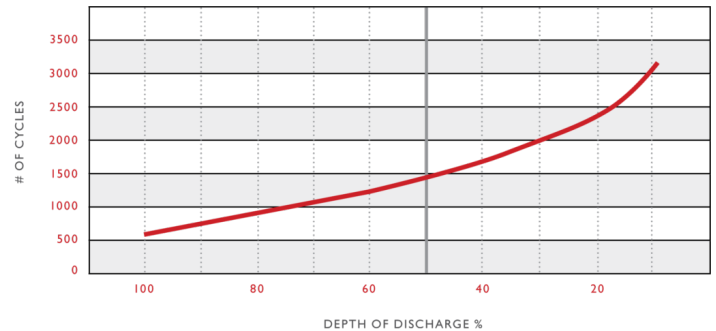
SAI GLOBAL  
ISO 9001  
Quality

|                   |          |           |
|-------------------|----------|-----------|
| Weight            | 55.5 kg  | 122.5 lbs |
| Length            | 31.8 cm  | 12.5"     |
| Width             | 18.1 cm  | 7.13"     |
| Height Inc. Term. | 42.55 cm | 16.75"    |

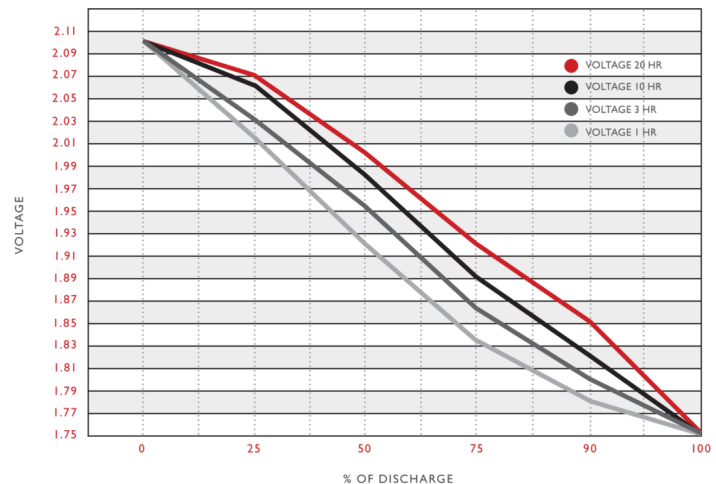
Product measurements & weights are calculated based on sample data. Individual specifications are subject to vary due to the manufacturing process, battery components & electrolyte levels.

|                     |                            |       |
|---------------------|----------------------------|-------|
| Electrolyte Reserve | 57 mm                      | 2.25" |
| Container           | High Density Polypropylene |       |
| Cover               | High Density Polypropylene |       |
| Handles             | Rope / Plastic Handle      |       |

### Cycle Life vs. Depth of Discharge



### Voltage vs. Depth of Discharge



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