

# Rolls

FLOODED DEEP CYCLE BATTERIES

## NS 305



|            |                       |
|------------|-----------------------|
| CONTAINER: | Polypropylene         |
| COVER:     | Polypropylene         |
| TERMINALS: | Universal molded post |
| HANDLES:   | No handles            |

|             |        |               |
|-------------|--------|---------------|
| WEIGHT DRY: | 39 kg  | 85 Lbs.       |
| WEIGHT WET: | 49 kg  | 109 Lbs.      |
| LENGTH:     | 311 mm | 12 1/4 Inches |
| WIDTH:      | 181 mm | 7 1/8 Inches  |
| HEIGHT:     | 362 mm | 14 1/4 Inches |

6 VOLTS

|                                      |                |              |
|--------------------------------------|----------------|--------------|
| CELLS:                               | 15 Plates/Cell | 3 Cell       |
| SEPARATOR THICKNESS:                 | 2 mm           | 0.081 Inches |
| GLASS MAT INSULATION:                | 1 mm           | 0.02 Inches  |
| ELECTROLYTE RESERVE:<br>ABOVE PLATES | 57 mm          | 2.25 Inches  |

|                       |         |              |
|-----------------------|---------|--------------|
| PLATE HEIGHT:         | 238 mm  | 9.375 Inches |
| PLATE WIDTH:          | 143 mm  | 5.625 Inches |
| THICKNESS (POSITIVE): | 4.45 mm | 0.175 Inches |
| THICKNESS (NEGATIVE): | 3.05 mm | 0.120 Inches |

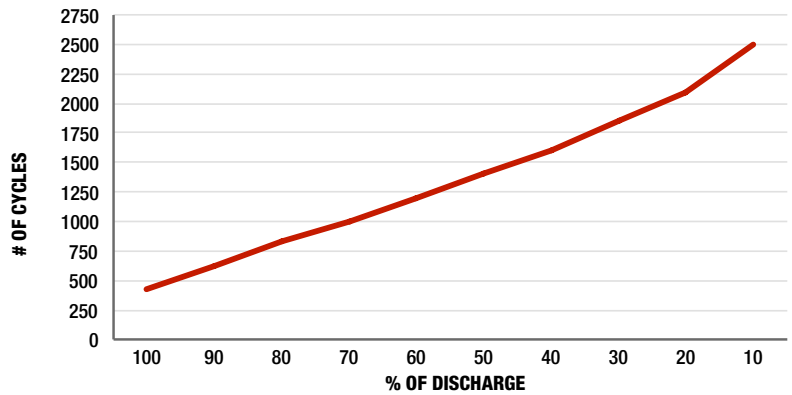


|                              |               |             |
|------------------------------|---------------|-------------|
| COLD CRANK AMPS (CCA):       | 0°F / -17.8°C | 992         |
| MARINE CRANK AMPS (MCA):     | 32°F / 0°C    | 1240        |
| RESERVE CAPACITY (RC @ 25A): |               | 629 Minutes |

### CAPACITY 305 AH

| HOURLY RATE:          | SPECIFIC GRAVITY | CAPACITY / AMP HOUR | CURRENT / AMPS |
|-----------------------|------------------|---------------------|----------------|
| @ 100 HOUR RATE       | 1.280            | 406                 | 4.06           |
| @ 72 HOUR RATE        | 1.280            | 384                 | 5.34           |
| @ 50 HOUR RATE        | 1.280            | 363                 | 7.26           |
| @ 24 HOUR RATE        | 1.280            | 314                 | 13.09          |
| <b>@ 20 HOUR RATE</b> | <b>1.280</b>     | <b>305</b>          | <b>15.25</b>   |
| @ 15 HOUR RATE        | 1.280            | 287                 | 19.11          |
| @ 12 HOUR RATE        | 1.280            | 271                 | 22.62          |
| @ 10 HOUR RATE        | 1.280            | 259                 | 25.93          |
| @ 8 HOUR RATE         | 1.280            | 244                 | 30.50          |
| @ 6 HOUR RATE         | 1.280            | 226                 | 37.62          |
| @ 5 HOUR RATE         | 1.280            | 214                 | 42.70          |
| @ 4 HOUR RATE         | 1.280            | 198                 | 49.56          |
| @ 3 HOUR RATE         | 1.280            | 180                 | 59.98          |
| @ 2 HOUR RATE         | 1.280            | 156                 | 77.78          |
| @ 1 HOUR RATE         | 1.280            | 110                 | 109.80         |

### CYCLE LIFE VS. DEPTH OF DISCHARGE



### VOLTAGE VS. DEPTH OF DISCHARGE

