

# Rolls

FLOODED DEEP CYCLE BATTERIES

## 8 EHG 31P

8 VOLTS



|                    |   |
|--------------------|---|
| 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 |
| TERMINALS:         | Flag with stainless steel nuts & bolts                |
| HANDLES:           | Molded  |

|             |        |               |
|-------------|--------|---------------|
| WEIGHT DRY: | 63 kg  | 138 Lbs.      |
| WEIGHT WET: | 81 kg  | 178 Lbs.      |
| LENGTH:     | 686 mm | 27 Inches     |
| WIDTH:      | 203 mm | 8 Inches      |
| HEIGHT:     | 324 mm | 12 3/4 Inches |

|                                      |                |              |
|--------------------------------------|----------------|--------------|
| CELLS:                               | 31 Plates/Cell | 4 Cell       |
| SEPARATOR THICKNESS:                 | 2 mm           | 0.065 Inches |
| GLASS MAT INSULATION:                | 1 mm           | 0.02 Inches  |
| ELECTROLYTE RESERVE:<br>ABOVE PLATES | 44 mm          | 1.75 Inches  |



|                       |         |              |
|-----------------------|---------|--------------|
| PLATE HEIGHT:         | 162 mm  | 6.375 Inches |
| PLATE WIDTH:          | 143 mm  | 5.625 Inches |
| THICKNESS (POSITIVE): | 3.81 mm | 0.150 Inches |
| THICKNESS (NEGATIVE): | 2.49 mm | 0.098 Inches |

|                              |               |             |
|------------------------------|---------------|-------------|
| COLD CRANK AMPS (CCA):       | 0°F / -17.8°C | 1721        |
| MARINE CRANK AMPS (MCA):     | 32°F / 0°C    | 2151        |
| RESERVE CAPACITY (RC @ 25A): |               | 934 Minutes |

### CAPACITY **410 AH**

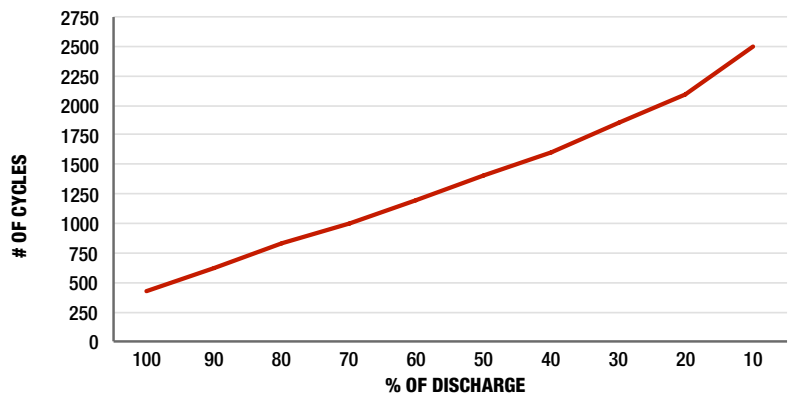
| HOURLY RATE:          | SPECIFIC GRAVITY | CAPACITY / AMP HOUR | CURRENT / AMPS |
|-----------------------|------------------|---------------------|----------------|
| @ 100 HOUR RATE       | 1.280            | 545                 | 5.45           |
| @ 72 HOUR RATE        | 1.280            | 517                 | 7.18           |
| @ 50 HOUR RATE        | 1.280            | 488                 | 9.76           |
| @ 24 HOUR RATE        | 1.280            | 422                 | 17.60          |
| <b>@ 20 HOUR RATE</b> | <b>1.280</b>     | <b>410</b>          | <b>20.50</b>   |
| @ 15 HOUR RATE        | 1.280            | 385                 | 25.69          |
| @ 12 HOUR RATE        | 1.280            | 365                 | 30.41          |
| @ 10 HOUR RATE        | 1.280            | 349                 | 34.85          |
| @ 8 HOUR RATE         | 1.280            | 328                 | 41.00          |
| @ 6 HOUR RATE         | 1.280            | 303                 | 50.57          |
| @ 5 HOUR RATE         | 1.280            | 287                 | 57.40          |
| @ 4 HOUR RATE         | 1.280            | 267                 | 66.63          |
| @ 3 HOUR RATE         | 1.280            | 242                 | 80.63          |
| @ 2 HOUR RATE         | 1.280            | 209                 | 104.55         |
| @ 1 HOUR RATE         | 1.280            | 148                 | 147.60         |

Amper Hour capacity ratings based on specific gravities of 1.280. Reduce capacities 5% for 1.265 specific gravity and 10% for specific gravities of 1.250

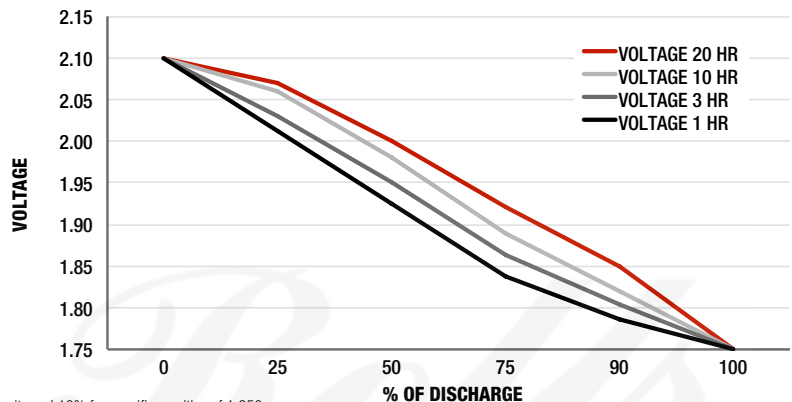
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SPEC 01

### CYCLE LIFE VS. DEPTH OF DISCHARGE



### VOLTAGE VS. DEPTH OF DISCHARGE



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12/1/2013 REV. 1