

# Rolls

FLOODED DEEP CYCLE BATTERIES

## 6 HHG 31P

6 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

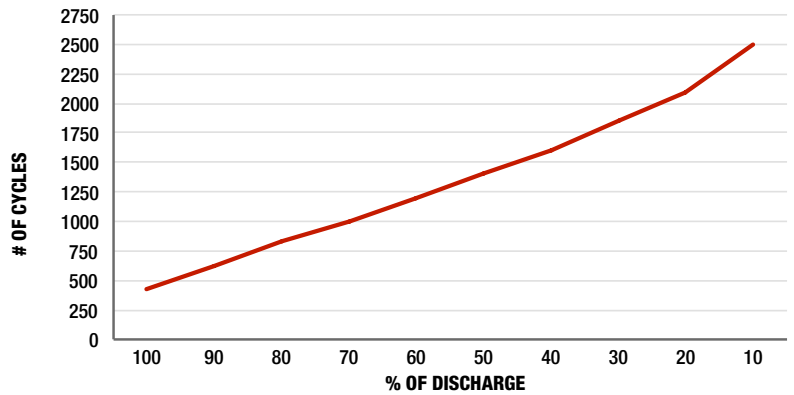
WEIGHT DRY:	44 kg	96 Lbs.
WEIGHT WET:	57 kg	125 Lbs.
LENGTH:	527 mm	20 3/4 Inches
WIDTH:	203 mm	8 Inches
HEIGHT:	302 mm	11 7/8 Inches

CELLS:	31 Plates/Cell	3 Cell
SEPARATOR THICKNESS:	2 mm	0.081 Inches
GLASS MAT INSULATION:	1 mm	0.02 Inches
ELECTROLYTE RESERVE: ABOVE PLATES	70 mm	2.75 Inches

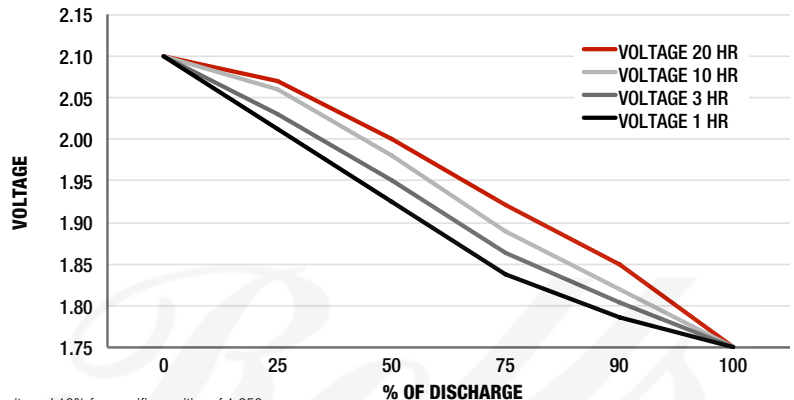


PLATE HEIGHT:	140 mm	5.500 Inches
PLATE WIDTH:	143 mm	5.625 Inches
THICKNESS (POSITIVE):	3.81 mm	0.150 Inches
THICKNESS (NEGATIVE):	2.49 mm	0.098 Inches
COLD CRANK AMPS (CCA):	0°F / -17.8°C	1337
MARINE CRANK AMPS (MCA):	32°F / 0°C	1671
RESERVE CAPACITY (RC @ 25A):		826 Minutes
RESERVE CAPACITY (RC @ 75A):		275 Minutes

### CYCLE LIFE VS. DEPTH OF DISCHARGE



### VOLTAGE VS. DEPTH OF DISCHARGE



### CAPACITY

**344 AH**

HOURLY RATE:	SPECIFIC GRAVITY	CAPACITY / AMP HOUR	CURRENT / AMPS
@ 100 HOUR RATE	1.280	458	4.58
@ 72 HOUR RATE	1.280	433	6.02
@ 50 HOUR RATE	1.280	409	8.19
@ 24 HOUR RATE	1.280	354	14.76
<b>@ 20 HOUR RATE</b>	<b>1.280</b>	<b>344</b>	<b>17.20</b>
@ 15 HOUR RATE	1.280	323	21.56
@ 12 HOUR RATE	1.280	306	25.51
@ 10 HOUR RATE	1.280	292	29.24
@ 8 HOUR RATE	1.280	275	34.40
@ 6 HOUR RATE	1.280	255	42.43
@ 5 HOUR RATE	1.280	241	48.16
@ 4 HOUR RATE	1.280	224	55.90
@ 3 HOUR RATE	1.280	203	67.65
@ 2 HOUR RATE	1.280	175	87.72
@ 1 HOUR RATE	1.280	124	123.84

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