

# Rolls

FLOODED DEEP CYCLE BATTERIES

## 24 HT 80



CONTAINER:	High Density Polypropylene
COVER:	Polypropylene sealed to container
TERMINALS:	Universal or flag specified
HANDLES:	Plastic mounted to ends

WEIGHT DRY:	17 kg	38 Lbs.
WEIGHT WET:	23 kg	50 Lbs.
LENGTH:	275 mm	10 5/6 Inches
WIDTH:	171 mm	6 3/4 Inches
HEIGHT:	241 mm	9 1/2 Inches

CELLS:	7 Plates/Cell	6 Cell
SEPARATOR THICKNESS:	1 mm	0.050 Inches
GLASS MAT INSULATION:	1 mm	0.02 Inches
ELECTROLYTE RESERVE: ABOVE PLATES	38 mm	1.5 Inches

PLATE HEIGHT:	127 mm	5.000 Inches
PLATE WIDTH:	143 mm	5.625 Inches
THICKNESS (POSITIVE):	3.18 mm	0.125 Inches
THICKNESS (NEGATIVE):	2.08 mm	0.082 Inches

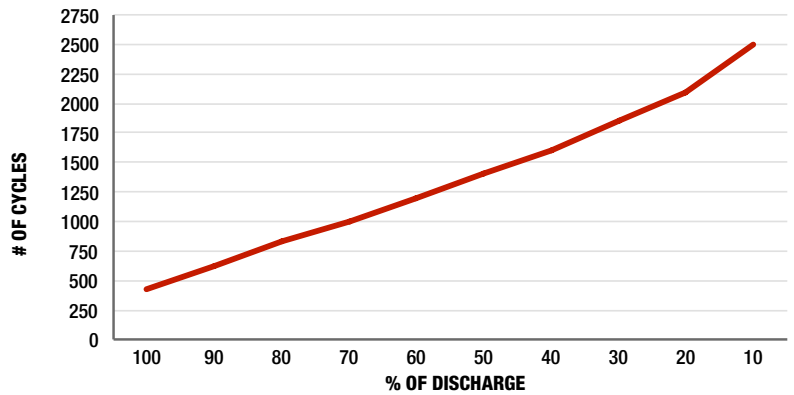
COLD CRANK AMPS (CCA):	0°F / -17.8°C	324
MARINE CRANK AMPS (MCA):	32°F / 0°C	405
RESERVE CAPACITY (RC @ 25A):		82 Minutes

### CAPACITY 80 AH

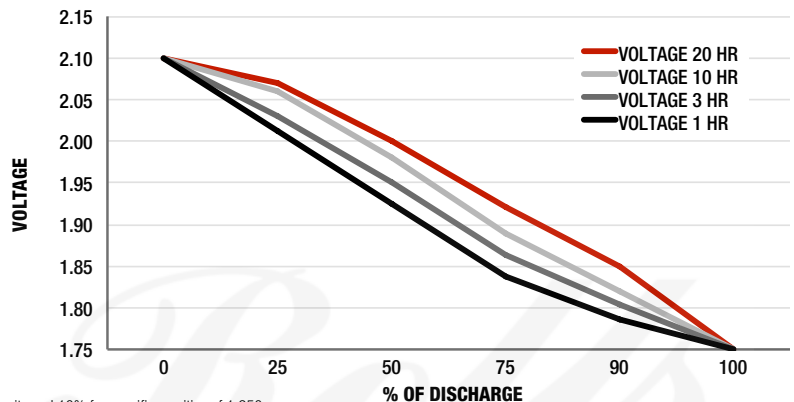
HOURLY RATE:	SPECIFIC GRAVITY	CAPACITY / AMP HOUR	CURRENT / AMPS
@ 100 HOUR RATE	1.280	106	1.06
@ 72 HOUR RATE	1.280	101	1.40
@ 50 HOUR RATE	1.280	95	1.90
@ 24 HOUR RATE	1.280	82	3.43
<b>@ 20 HOUR RATE</b>	<b>1.280</b>	<b>80</b>	<b>4.00</b>
@ 15 HOUR RATE	1.280	75	5.01
@ 12 HOUR RATE	1.280	71	5.93
@ 10 HOUR RATE	1.280	68	6.80
@ 8 HOUR RATE	1.280	64	8.00
@ 6 HOUR RATE	1.280	59	9.87
@ 5 HOUR RATE	1.280	56	11.20
@ 4 HOUR RATE	1.280	52	13.00
@ 3 HOUR RATE	1.280	47	15.73
@ 2 HOUR RATE	1.280	41	20.40
@ 1 HOUR RATE	1.280	29	28.80



### CYCLE LIFE VS. DEPTH OF DISCHARGE



### VOLTAGE VS. DEPTH OF DISCHARGE



Amphère 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