

# Rolls

FLOODED DEEP CYCLE BATTERIES

## S-180

12 VOLTS



CONTAINER:	Polypropylene
COVER:	Polypropylene
TERMINALS:	Automotive or Universal (if specified)
HANDLES:	Plastic mounted to cover

WEIGHT DRY:	33 kg	72 Lbs.
WEIGHT WET:	41 kg	90 Lbs.
LENGTH:	343 mm	13 1/2 Inches
WIDTH:	171 mm	6 3/4 Inches
HEIGHT:	295 mm	11 5/8 Inches

CELLS:	11 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:	254 mm	10.000 Inches
PLATE WIDTH:	143 mm	5.625 Inches
THICKNESS (POSITIVE):	4.32 mm	0.170 Inches
THICKNESS (NEGATIVE):	3.05 mm	0.120 Inches



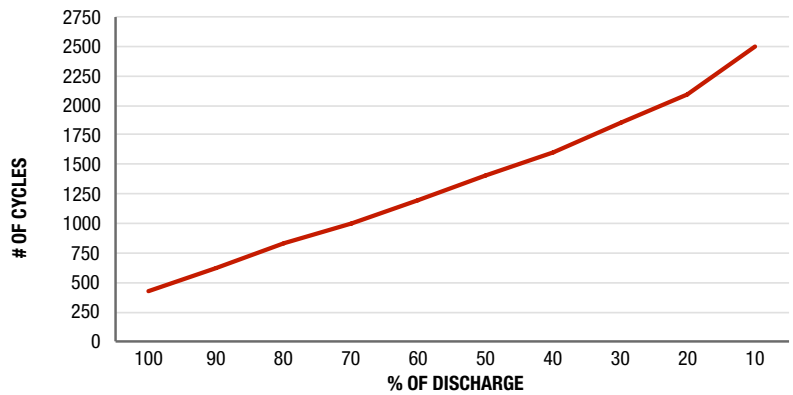
COLD CRANK AMPS (CCA):	0°F / -17.8°C	512
MARINE CRANK AMPS (MCA):	32°F / 0°C	640
RESERVE CAPACITY (RC @ 25A):		202 Minutes

### CAPACITY 136 AH

HOURLY RATE:	SPECIFIC GRAVITY	CAPACITY / AMP HOUR	CURRENT / AMPS
@ 100 HOUR RATE	1.280	181	1.81
@ 72 HOUR RATE	1.280	171	2.38
@ 50 HOUR RATE	1.280	162	3.24
@ 24 HOUR RATE	1.280	140	5.84
<b>@ 20 HOUR RATE</b>	<b>1.280</b>	<b>136</b>	<b>6.80</b>
@ 15 HOUR RATE	1.280	128	8.52
@ 12 HOUR RATE	1.280	121	10.09
@ 10 HOUR RATE	1.280	116	11.56
@ 8 HOUR RATE	1.280	109	13.60
@ 6 HOUR RATE	1.280	101	16.77
@ 5 HOUR RATE	1.280	95	19.04
@ 4 HOUR RATE	1.280	88	22.10
@ 3 HOUR RATE	1.280	80	26.75
@ 2 HOUR RATE	1.280	69	34.68
@ 1 HOUR RATE	1.280	49	48.96

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

### CYCLE LIFE VS. DEPTH OF DISCHARGE



### VOLTAGE VS. DEPTH OF DISCHARGE

