

# Rolls

FLOODED DEEP CYCLE BATTERIES

## 4 KS 27P

4 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:	113 kg	249 Lbs.
WEIGHT WET:	154 kg	339 Lbs.
LENGTH:	400 mm	15 3/4 Inches
WIDTH:	270 mm	10 5/8 Inches
HEIGHT:	629 mm	24 3/4 Inches

PLATE HEIGHT:	432 mm	17.000 Inches
PLATE WIDTH:	143 mm	5.625 Inches
THICKNESS (POSITIVE):	6.99 mm	0.275 Inches
THICKNESS (NEGATIVE):	4.57 mm	0.180 Inches
POSITIVE PLATE DOUBLE WRAPPED WITH SLYVER ENVELOPED WITH HEAVY DUTY SEPARATOR		



CELLS:	27 Plates/Cell	2 Cell
SEPARATOR THICKNESS:	3 mm	0.105 Inches
GLASS MAT INSULATION:	1 mm	0.020 Inches
ELECTROLYTE RESERVE: ABOVE PLATES	95 mm	3.75 Inches

COLD CRANK AMPS (CCA):	0°F / -17.8°C	4023
MARINE CRANK AMPS (MCA):	32°F / 0°C	5030
RESERVE CAPACITY (RC @ 25A):		4648 Minutes

### CAPACITY **1460 AH**

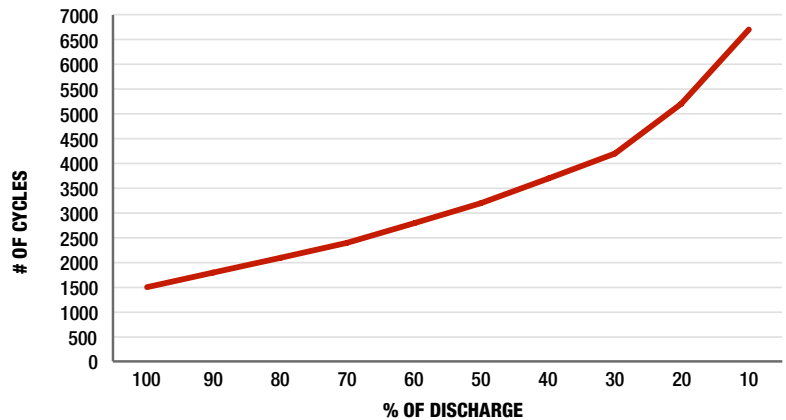
HOURLY RATE:	SPECIFIC GRAVITY	CAPACITY / AMP HOUR	CURRENT / AMPS
@ 100 HOUR RATE	1.280	2059	20.59
@ 72 HOUR RATE	1.280	1942	26.97
@ 50 HOUR RATE	1.280	1796	35.92
@ 24 HOUR RATE	1.280	1518	63.27
<b>@ 20 HOUR RATE</b>	<b>1.280</b>	<b>1460</b>	<b>73.00</b>
@ 15 HOUR RATE	1.280	1358	90.52
@ 12 HOUR RATE	1.280	1270	105.85
@ 10 HOUR RATE	1.280	1212	121.18
@ 8 HOUR RATE	1.280	1139	142.35
@ 6 HOUR RATE	1.280	1037	172.77
@ 5 HOUR RATE	1.280	978	195.64
@ 4 HOUR RATE	1.280	905	226.30
@ 3 HOUR RATE	1.280	818	272.53
@ 2 HOUR RATE	1.280	701	350.40
@ 1 HOUR RATE	1.280	496	496.40

Amphere 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

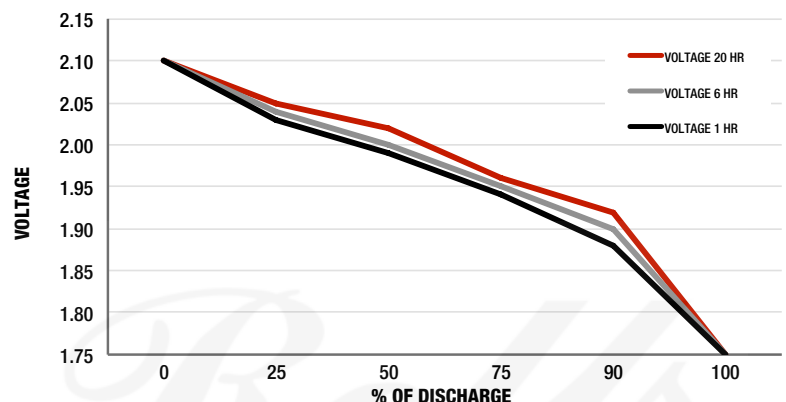
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SPEC 01

### CYCLE LIFE VS. DEPTH OF DISCHARGE



### VOLTAGE VS. DEPTH OF DISCHARGE



SURRETTE BATTERY COMPANY 1 STATION RD SPRINGHILL, NS CANADA B0M 1X0

1/1/2014 REV. 1