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Rolls

FLOODED DEEP CYCLE BATTERIES

6 CS 21P

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:	98 kg	217 Lbs.
WEIGHT WET:	123 kg	271 Lbs.
LENGTH:	559 mm	22 Inches
WIDTH:	248 mm	9 3/4 Inches
HEIGHT:	464 mm	18 1/4 Inches

PLATE HEIGHT:	273 mm	10.750 Inches
PLATE WIDTH:	143 mm	5.625 Inches
THICKNESS (POSITIVE):	6.60 mm	0.260 Inches
THICKNESS (NEGATIVE):	4.57 mm	0.180 Inches
POSITIVE PLATE DOUBLE WRAPPED WITH SLYVER ENVELOPED WITH HEAVY DUTY SEPARATOR		



CELLS:	21 Plates/Cell	3 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	1764
MARINE CRANK AMPS (MCA):	32°F / 0°C	2175
RESERVE CAPACITY (RC @ 25A):		1353 Minutes

CAPACITY **683 AH**

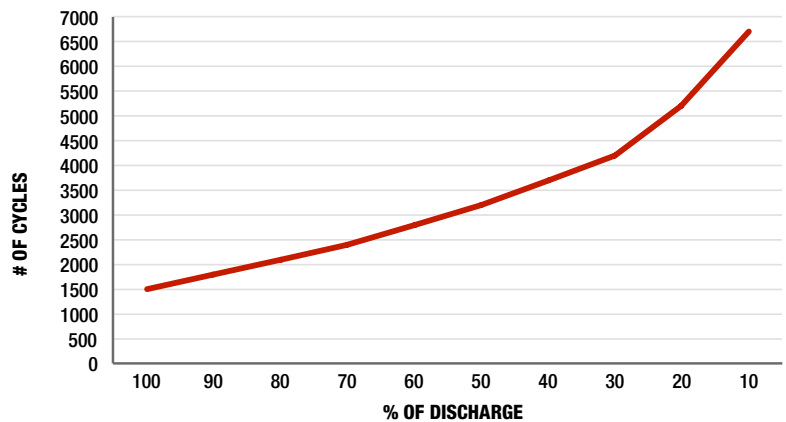
HOURLY RATE:	SPECIFIC GRAVITY	CAPACITY / AMP HOUR	CURRENT / AMPS
@ 100 HOUR RATE	1.280	963	9.63
@ 72 HOUR RATE	1.280	908	12.62
@ 50 HOUR RATE	1.280	840	16.80
@ 24 HOUR RATE	1.280	710	29.60
@ 20 HOUR RATE	1.280	683	34.15
@ 15 HOUR RATE	1.280	635	42.35
@ 12 HOUR RATE	1.280	594	49.52
@ 10 HOUR RATE	1.280	567	56.69
@ 8 HOUR RATE	1.280	533	66.59
@ 6 HOUR RATE	1.280	485	80.82
@ 5 HOUR RATE	1.280	458	91.52
@ 4 HOUR RATE	1.280	423	105.87
@ 3 HOUR RATE	1.280	382	127.49
@ 2 HOUR RATE	1.280	328	163.92
@ 1 HOUR RATE	1.280	232	232.22

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

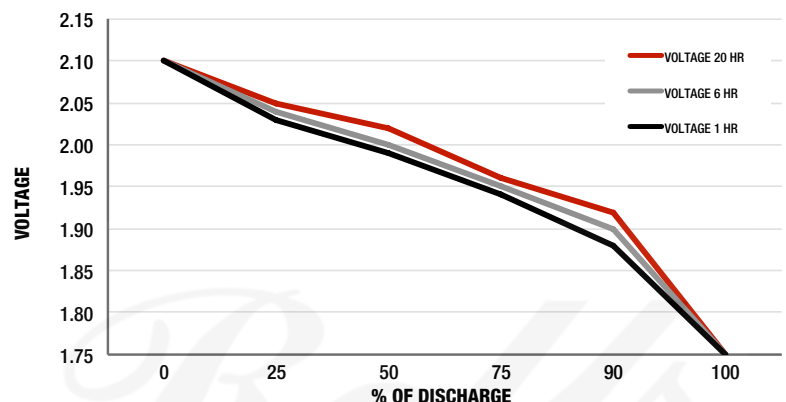
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SPEC 01

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

Rolls

FLOODED DEEP CYCLE BATTERIES

6 CS 25P

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:	115 kg	254 Lbs.
WEIGHT WET:	144 kg	318 Lbs.
LENGTH:	559 mm	22 Inches
WIDTH:	286 mm	11 1/4 Inches
HEIGHT:	464 mm	18 1/4 Inches

PLATE HEIGHT:	273 mm	10.750 Inches
PLATE WIDTH:	143 mm	5.625 Inches
THICKNESS (POSITIVE):	6.60 mm	0.260 Inches
THICKNESS (NEGATIVE):	4.57 mm	0.180 Inches
POSITIVE PLATE DOUBLE WRAPPED WITH SLYVER ENVELOPED WITH HEAVY DUTY SEPARATOR		



CELLS:	25 Plates/Cell	3 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	2184
MARINE CRANK AMPS (MCA):	32°F / 0°C	2610
RESERVE CAPACITY (RC @ 25A):		1624 Minutes

CAPACITY **820 AH**

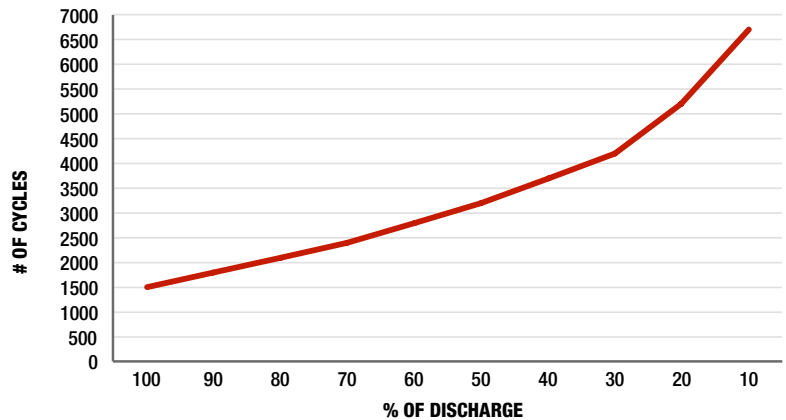
HOURLY RATE:	SPECIFIC GRAVITY	CAPACITY / AMP HOUR	CURRENT / AMPS
@ 100 HOUR RATE	1.280	1156	11.56
@ 72 HOUR RATE	1.280	1091	15.15
@ 50 HOUR RATE	1.280	1009	20.17
@ 24 HOUR RATE	1.280	853	35.53
@ 20 HOUR RATE	1.280	820	41.00
@ 15 HOUR RATE	1.280	763	50.84
@ 12 HOUR RATE	1.280	713	59.45
@ 10 HOUR RATE	1.280	681	68.06
@ 8 HOUR RATE	1.280	640	79.95
@ 6 HOUR RATE	1.280	582	97.03
@ 5 HOUR RATE	1.280	549	109.88
@ 4 HOUR RATE	1.280	508	127.10
@ 3 HOUR RATE	1.280	459	153.07
@ 2 HOUR RATE	1.280	394	196.80
@ 1 HOUR RATE	1.280	279	278.80

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

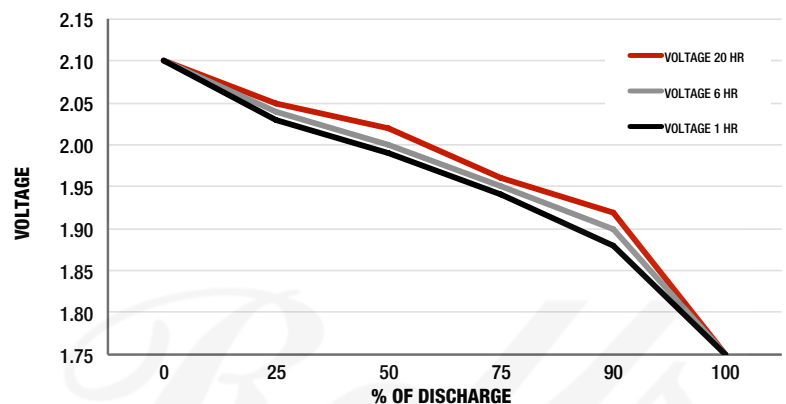
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SPEC 01

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

Rolls

FLOODED DEEP CYCLE BATTERIES

6 CS 27P

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:	124 kg	273 Lbs.
WEIGHT WET:	155 kg	342 Lbs.
LENGTH:	559 mm	22 Inches
WIDTH:	286 mm	11 1/4 Inches
HEIGHT:	464 mm	18 1/4 Inches

PLATE HEIGHT:	273 mm	10.750 Inches
PLATE WIDTH:	143 mm	5.625 Inches
THICKNESS (POSITIVE):	6.60 mm	0.260 Inches
THICKNESS (NEGATIVE):	4.57 mm	0.180 Inches
POSITIVE PLATE DOUBLE WRAPPED WITH SLYVER ENVELOPED WITH HEAVY DUTY SEPARATOR		



CELLS:	27 Plates/Cell	3 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	2366
MARINE CRANK AMPS (MCA):	32°F / 0°C	2828
RESERVE CAPACITY (RC @ 25A):		1759 Minutes

CAPACITY **893 AH**

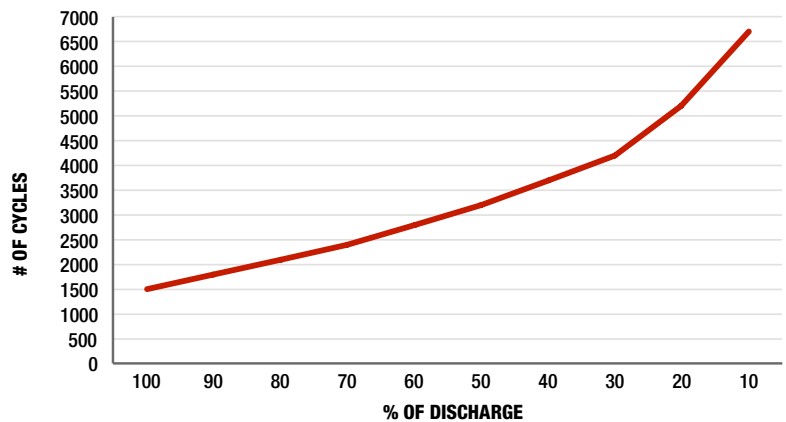
HOURLY RATE:	SPECIFIC GRAVITY	CAPACITY / AMP HOUR	CURRENT / AMPS
@ 100 HOUR RATE	1.280	1259	12.59
@ 72 HOUR RATE	1.280	1188	16.50
@ 50 HOUR RATE	1.280	1098	21.97
@ 24 HOUR RATE	1.280	929	38.70
@ 20 HOUR RATE	1.280	893	44.65
@ 15 HOUR RATE	1.280	830	55.37
@ 12 HOUR RATE	1.280	777	64.74
@ 10 HOUR RATE	1.280	741	74.12
@ 8 HOUR RATE	1.280	697	87.07
@ 6 HOUR RATE	1.280	634	105.67
@ 5 HOUR RATE	1.280	598	119.66
@ 4 HOUR RATE	1.280	554	138.42
@ 3 HOUR RATE	1.280	500	166.69
@ 2 HOUR RATE	1.280	429	214.32
@ 1 HOUR RATE	1.280	304	303.62

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

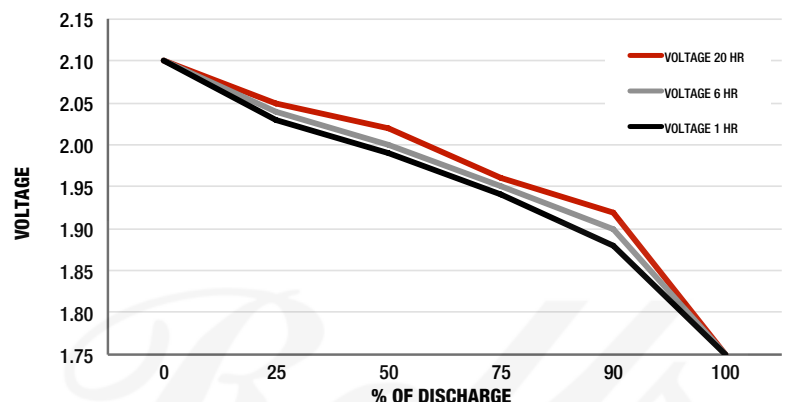
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SPEC 01

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

Rolls

FLOODED DEEP CYCLE BATTERIES

12 CS 11P

12 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:	100 kg	220 Lbs.
WEIGHT WET:	123 kg	272 Lbs.
LENGTH:	559 mm	22 Inches
WIDTH:	286 mm	11 1/4 Inches
HEIGHT:	464 mm	18 1/4 Inches

PLATE HEIGHT:	273 mm	10.750 Inches
PLATE WIDTH:	143 mm	5.625 Inches
THICKNESS (POSITIVE):	6.60 mm	0.260 Inches
THICKNESS (NEGATIVE):	4.57 mm	0.180 Inches
POSITIVE PLATE DOUBLE WRAPPED WITH SLYVER ENVELOPED WITH HEAVY DUTY SEPARATOR		



CELLS:	11 Plates/Cell	6 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	845
MARINE CRANK AMPS (MCA):	32°F / 0°C	1056
RESERVE CAPACITY (RC @ 25A):		768 Minutes

CAPACITY **357 AH**

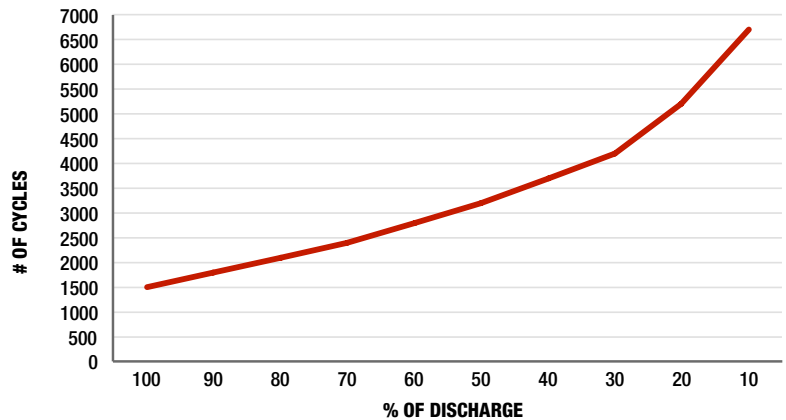
HOURLY RATE:	SPECIFIC GRAVITY	CAPACITY / AMP HOUR	CURRENT / AMPS
@ 100 HOUR RATE	1.280	503	5.03
@ 72 HOUR RATE	1.280	475	6.59
@ 50 HOUR RATE	1.280	439	8.78
@ 24 HOUR RATE	1.280	371	15.47
@ 20 HOUR RATE	1.280	357	17.85
@ 15 HOUR RATE	1.280	332	22.13
@ 12 HOUR RATE	1.280	311	25.88
@ 10 HOUR RATE	1.280	296	29.63
@ 8 HOUR RATE	1.280	278	34.81
@ 6 HOUR RATE	1.280	253	42.25
@ 5 HOUR RATE	1.280	239	47.84
@ 4 HOUR RATE	1.280	221	55.34
@ 3 HOUR RATE	1.280	200	66.64
@ 2 HOUR RATE	1.280	171	85.68
@ 1 HOUR RATE	1.280	121	121.38

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

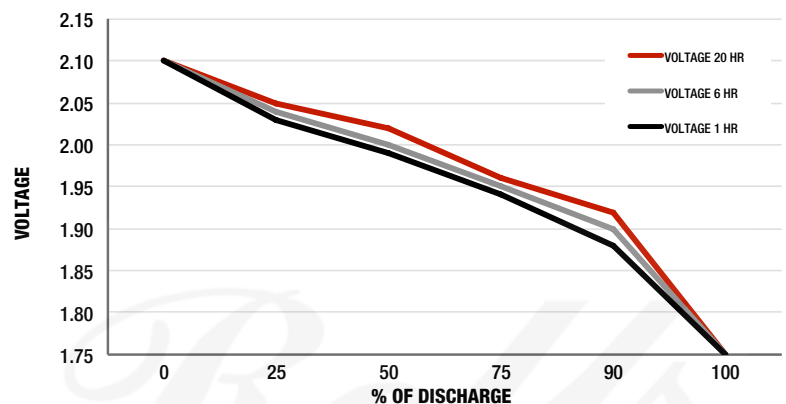
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SPEC 01

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

Rolls

FLOODED DEEP CYCLE BATTERIES

2 KS 33P

2 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:	66 kg	145 Lbs.
WEIGHT WET:	94 kg	208 Lbs.
LENGTH:	392 mm	15 7/16 Inches
WIDTH:	224 mm	8 5/6 Inches
HEIGHT:	630 mm	24 13/16 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:	33 Plates/Cell	1 Cell
SEPARATOR THICKNESS:	3 mm	0.105 Inches
GLASS MAT INSULATION:	1 mm	0.022 Inches
ELECTROLYTE RESERVE: ABOVE PLATES	95 mm	3.75 Inches

COLD CRANK AMPS (CCA):	0°F / -17.8°C	4952
MARINE CRANK AMPS (MCA):	32°F / 0°C	6190
RESERVE CAPACITY (RC @ 25A):		5922 Minutes

CAPACITY **1766 AH**

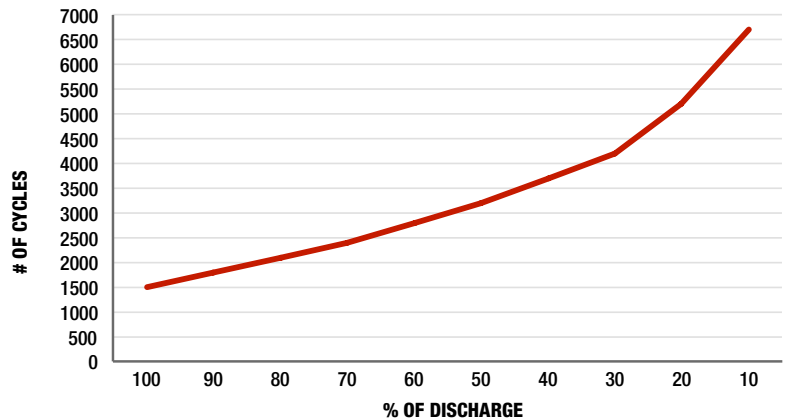
HOURLY RATE:	SPECIFIC GRAVITY	CAPACITY / AMP HOUR	CURRENT / AMPS
@ 100 HOUR RATE	1.280	2490	24.90
@ 72 HOUR RATE	1.280	2349	32.62
@ 50 HOUR RATE	1.280	2172	43.44
@ 24 HOUR RATE	1.280	1837	76.53
@ 20 HOUR RATE	1.280	1766	88.30
@ 15 HOUR RATE	1.280	1642	109.49
@ 12 HOUR RATE	1.280	1536	128.04
@ 10 HOUR RATE	1.280	1466	146.58
@ 8 HOUR RATE	1.280	1377	172.19
@ 6 HOUR RATE	1.280	1254	208.98
@ 5 HOUR RATE	1.280	1183	236.64
@ 4 HOUR RATE	1.280	1095	273.73
@ 3 HOUR RATE	1.280	989	329.65
@ 2 HOUR RATE	1.280	848	423.84
@ 1 HOUR RATE	1.280	600	600.44

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

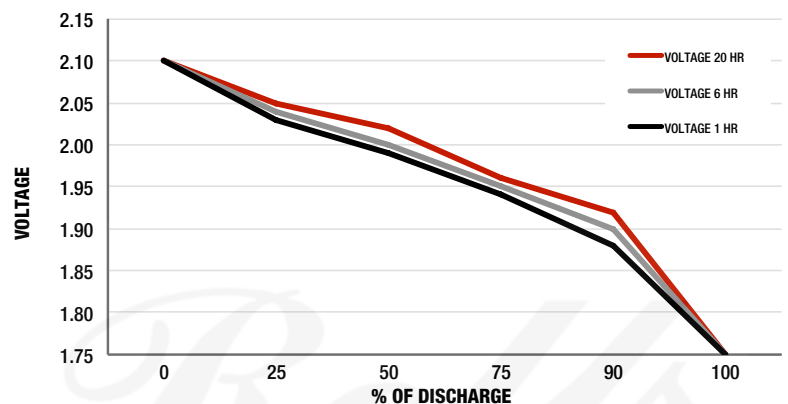
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SPEC 01

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

Rolls

FLOODED DEEP CYCLE BATTERIES

2 OS 33P

2 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:	70 kg	155 Lbs.
WEIGHT WET:	101 kg	222 Lbs.
LENGTH:	392 mm	15 7/16 Inches
WIDTH:	224 mm	8 5/6 Inches
HEIGHT:	630 mm	24 13/16 Inches

PLATE HEIGHT:	445 mm	17.500 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:	33 Plates/Cell	1 Cell
SEPARATOR THICKNESS:	3 mm	0.105 Inches
GLASS MAT INSULATION:	1 mm	0.022 Inches
ELECTROLYTE RESERVE: ABOVE PLATES	95 mm	3.75 Inches

COLD CRANK AMPS (CCA):	0°F / -17.8°C	5282
MARINE CRANK AMPS (MCA):	32°F / 0°C	6603
RESERVE CAPACITY (RC @ 25A):		6315 Minutes

CAPACITY **1883 AH**

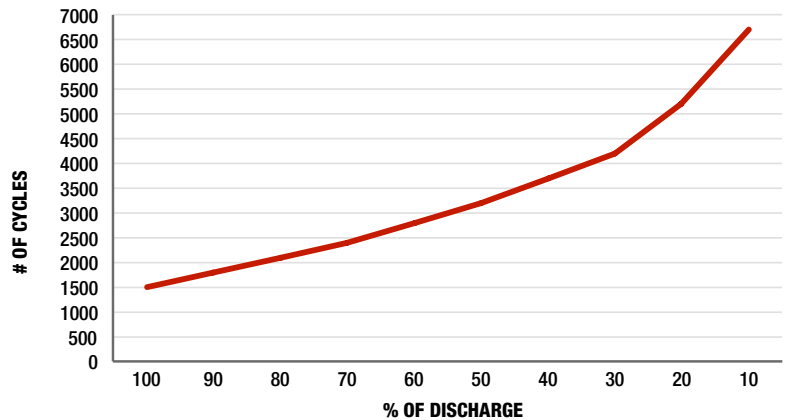
HOURLY RATE:	SPECIFIC GRAVITY	CAPACITY / AMP HOUR	CURRENT / AMPS
@ 100 HOUR RATE	1.280	2655	26.55
@ 72 HOUR RATE	1.280	2504	34.78
@ 50 HOUR RATE	1.280	2316	46.32
@ 24 HOUR RATE	1.280	1958	81.60
@ 20 HOUR RATE	1.280	1883	94.15
@ 15 HOUR RATE	1.280	1751	116.75
@ 12 HOUR RATE	1.280	1638	136.52
@ 10 HOUR RATE	1.280	1563	156.29
@ 8 HOUR RATE	1.280	1469	183.59
@ 6 HOUR RATE	1.280	1337	222.82
@ 5 HOUR RATE	1.280	1262	252.32
@ 4 HOUR RATE	1.280	1167	291.87
@ 3 HOUR RATE	1.280	1054	351.49
@ 2 HOUR RATE	1.280	904	451.92
@ 1 HOUR RATE	1.280	640	640.22

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

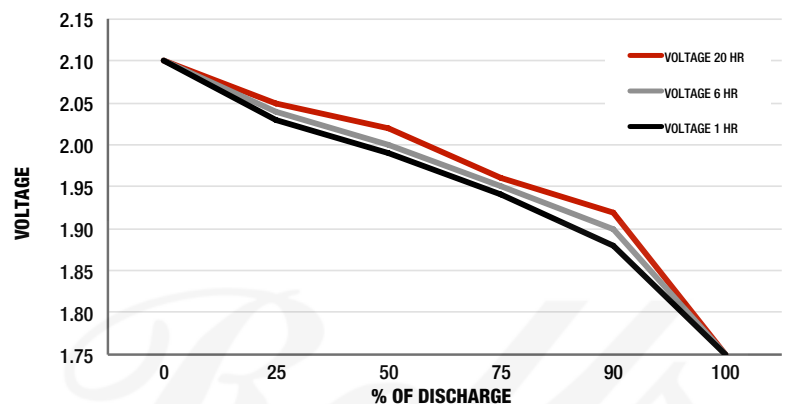
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SPEC 01

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

Rolls

FLOODED DEEP CYCLE BATTERIES

2 YS 3 IP

2 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:	91 kg	200 Lbs.
WEIGHT WET:	129 kg	285 Lbs.
LENGTH:	394 mm	15 1/2 Inches
WIDTH:	229 mm	9 Inches
HEIGHT:	803 mm	31 5/8 Inches

PLATE HEIGHT:	600 mm	23.625 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		



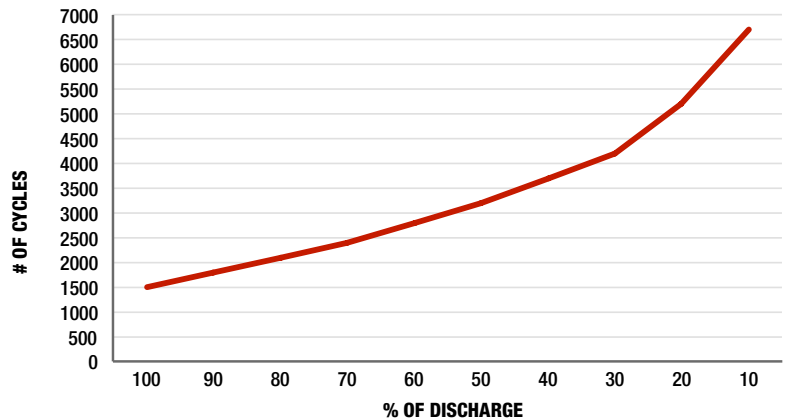
CELLS:	31 Plates/Cell	1 Cell
SEPARATOR THICKNESS:	3 mm	0.105 Inches
GLASS MAT INSULATION:	1 mm	0.022 Inches
ELECTROLYTE RESERVE: ABOVE PLATES	95 mm	3.75 Inches

COLD CRANK AMPS (CCA):	0°F / -17.8°C	5740
MARINE CRANK AMPS (MCA):	32°F / 0°C	7175
RESERVE CAPACITY (RC @ 25A):		8193 Minutes

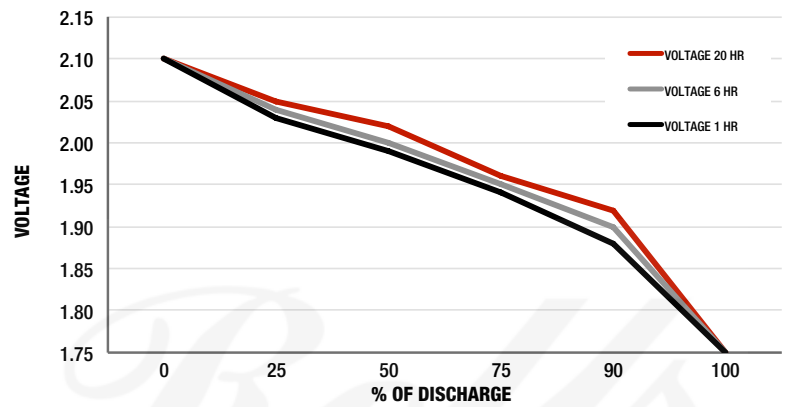
CAPACITY 2430 AH

HOURLY RATE:	SPECIFIC GRAVITY	CAPACITY / AMP HOUR	CURRENT / AMPS
@ 100 HOUR RATE	1.280	3426	34.26
@ 72 HOUR RATE	1.280	3232	44.89
@ 50 HOUR RATE	1.280	2989	59.78
@ 24 HOUR RATE	1.280	2527	105.30
@ 20 HOUR RATE	1.280	2430	121.50
@ 15 HOUR RATE	1.280	2260	150.66
@ 12 HOUR RATE	1.280	2114	176.18
@ 10 HOUR RATE	1.280	2017	201.69
@ 8 HOUR RATE	1.280	1895	236.93
@ 6 HOUR RATE	1.280	1725	287.55
@ 5 HOUR RATE	1.280	1628	325.62
@ 4 HOUR RATE	1.280	1507	376.65
@ 3 HOUR RATE	1.280	1361	453.60
@ 2 HOUR RATE	1.280	1166	583.20
@ 1 HOUR RATE	1.280	826	826.20

CYCLE LIFE VS. DEPTH OF DISCHARGE



VOLTAGE VS. DEPTH OF DISCHARGE



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

Rolls

FLOODED DEEP CYCLE BATTERIES

4 CS 17P

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:	Rope

WEIGHT DRY:	44 kg	98 Lbs.
WEIGHT WET:	58 kg	128 Lbs.
LENGTH:	365 mm	14 3/8 Inches
WIDTH:	210 mm	8 1/4 Inches
HEIGHT:	464 mm	18 1/4 Inches

PLATE HEIGHT:	273 mm	10.750 Inches
PLATE WIDTH:	143 mm	5.625 Inches
THICKNESS (POSITIVE):	6.73 mm	0.265 Inches
THICKNESS (NEGATIVE):	3.43 mm	0.135 Inches
POSITIVE PLATE DOUBLE WRAPPED WITH SLYVER ENVELOPED WITH HEAVY DUTY SEPARATOR		



CELLS:	17 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	1357
MARINE CRANK AMPS (MCA):	32°F / 0°C	1696
RESERVE CAPACITY (RC @ 25A):		1083 Minutes

CAPACITY **546 AH**

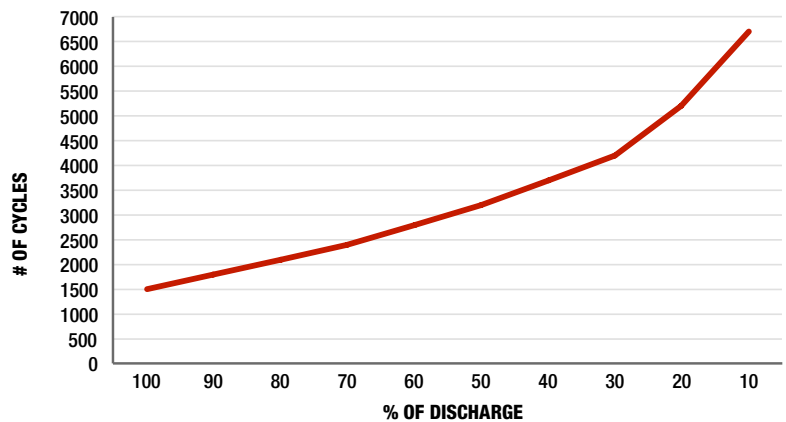
HOURLY RATE:	SPECIFIC GRAVITY	CAPACITY / AMP HOUR	CURRENT / AMPS
@ 100 HOUR RATE	1.280	770	7.70
@ 72 HOUR RATE	1.280	726	10.09
@ 50 HOUR RATE	1.280	672	13.43
@ 24 HOUR RATE	1.280	568	23.66
@ 20 HOUR RATE	1.280	546	27.30
@ 15 HOUR RATE	1.280	508	33.85
@ 12 HOUR RATE	1.280	475	39.59
@ 10 HOUR RATE	1.280	453	45.32
@ 8 HOUR RATE	1.280	426	53.24
@ 6 HOUR RATE	1.280	388	64.61
@ 5 HOUR RATE	1.280	366	73.16
@ 4 HOUR RATE	1.280	339	84.63
@ 3 HOUR RATE	1.280	306	101.92
@ 2 HOUR RATE	1.280	262	131.04
@ 1 HOUR RATE	1.280	186	185.64

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

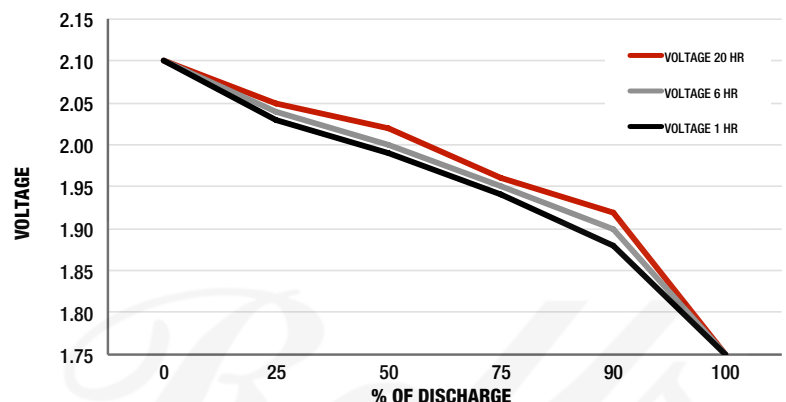
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SPEC 01

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

Rolls

FLOODED DEEP CYCLE BATTERIES

4 KS 2IP

4 VOLTS



CONTAINER: (INNER)	Polypropylene	WEIGHT DRY:	98 kg	216 Lbs.
COVER: (INNER)	Polypropylene - heat sealed to inner container	WEIGHT WET:	121 kg	267 Lbs.
CONTAINER: (OUTER)	High Density Polyethylene	LENGTH:	400 mm	15 3/4 Inches
COVER: (OUTER)	High Density Polyethylene snap fit to outer container	WIDTH:	238 mm	9 3/8 Inches
TERMINALS:	Flag with stainless steel nuts & bolts	HEIGHT:	629 mm	24 3/4 Inches
HANDLES:	Molded			

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:	21 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	3095
MARINE CRANK AMPS (MCA):	32°F / 0°C	3869
RESERVE CAPACITY (RC @ 25A):		3367 Minutes

CAPACITY **1104 AH**

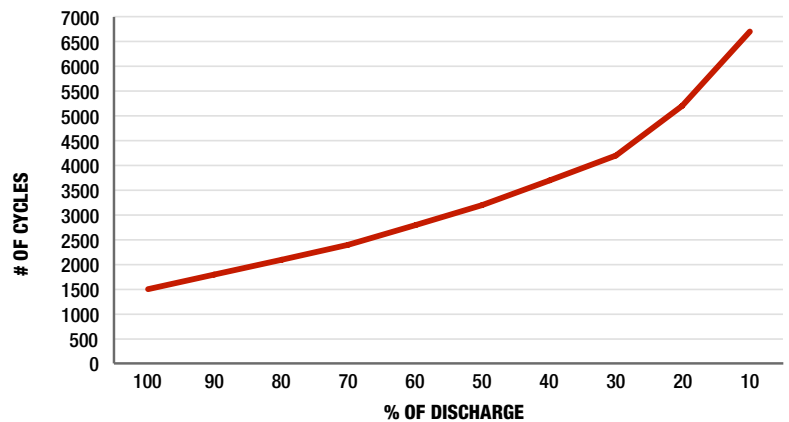
HOURLY RATE:	SPECIFIC GRAVITY	CAPACITY / AMP HOUR	CURRENT / AMPS
@ 100 HOUR RATE	1.280	1557	15.57
@ 72 HOUR RATE	1.280	1468	20.39
@ 50 HOUR RATE	1.280	1358	27.16
@ 24 HOUR RATE	1.280	1148	47.84
@ 20 HOUR RATE	1.280	1104	55.20
@ 15 HOUR RATE	1.280	1027	68.45
@ 12 HOUR RATE	1.280	960	80.04
@ 10 HOUR RATE	1.280	916	91.63
@ 8 HOUR RATE	1.280	861	107.64
@ 6 HOUR RATE	1.280	784	130.64
@ 5 HOUR RATE	1.280	740	147.94
@ 4 HOUR RATE	1.280	684	171.12
@ 3 HOUR RATE	1.280	618	206.08
@ 2 HOUR RATE	1.280	530	264.96
@ 1 HOUR RATE	1.280	375	375.36

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

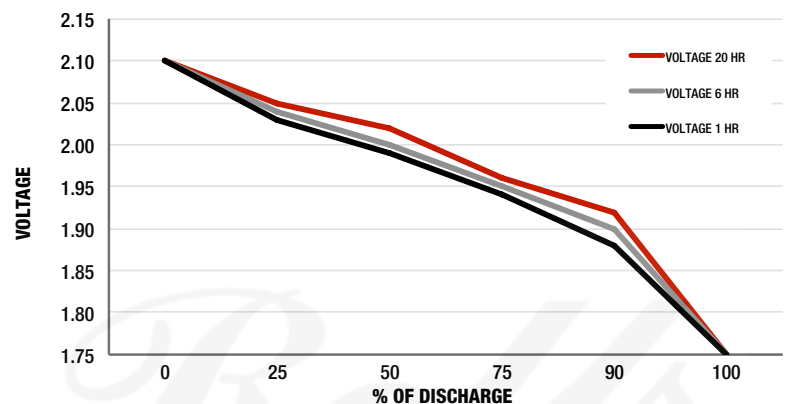
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SPEC 01

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

Rolls

FLOODED DEEP CYCLE BATTERIES

4 KS 25P

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:	100 kg	220 Lbs.
WEIGHT WET:	143 kg	315 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:	25 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	3714
MARINE CRANK AMPS (MCA):	32°F / 0°C	4643
RESERVE CAPACITY (RC @ 25A):		4290 Minutes

CAPACITY **1350 AH**

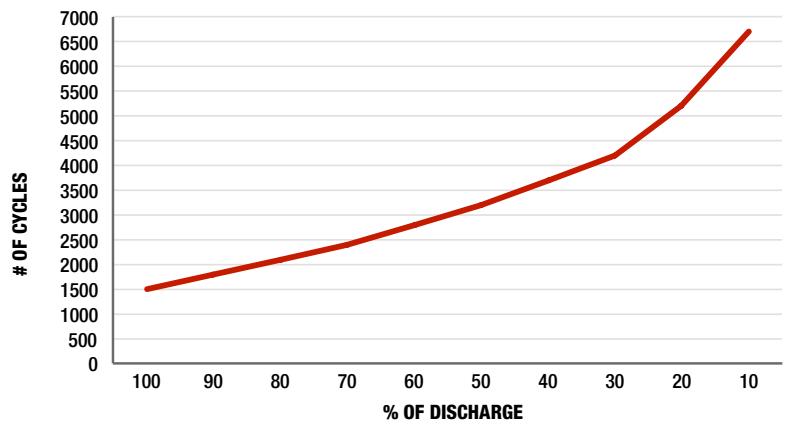
HOURLY RATE:	SPECIFIC GRAVITY	CAPACITY / AMP HOUR	CURRENT / AMPS
@ 100 HOUR RATE	1.280	1904	19.04
@ 72 HOUR RATE	1.280	1796	24.94
@ 50 HOUR RATE	1.280	1661	33.21
@ 24 HOUR RATE	1.280	1404	58.50
@ 20 HOUR RATE	1.280	1350	67.50
@ 15 HOUR RATE	1.280	1256	83.70
@ 12 HOUR RATE	1.280	1175	97.88
@ 10 HOUR RATE	1.280	1121	112.05
@ 8 HOUR RATE	1.280	1053	131.63
@ 6 HOUR RATE	1.280	959	159.75
@ 5 HOUR RATE	1.280	905	180.90
@ 4 HOUR RATE	1.280	837	209.25
@ 3 HOUR RATE	1.280	756	252.00
@ 2 HOUR RATE	1.280	648	324.00
@ 1 HOUR RATE	1.280	459	459.00

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

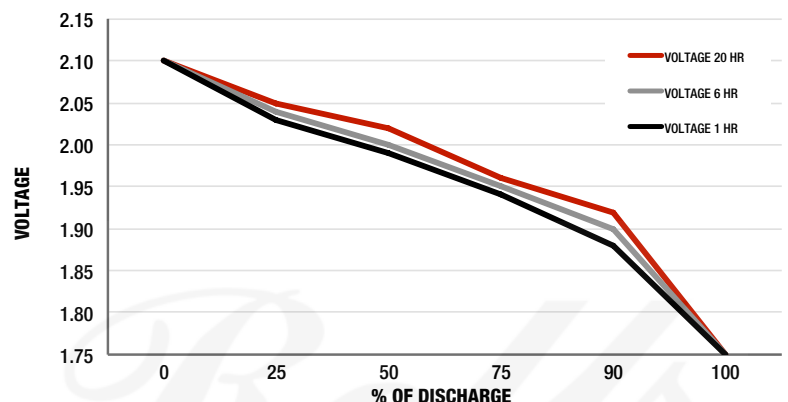
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SPEC 01

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

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**

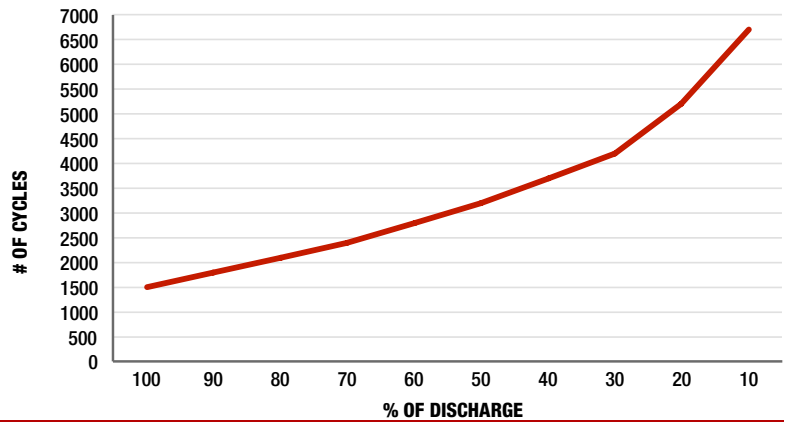
HOURLY RATE:	SPECIFIC GRAVITY	CAPACITY / AMP HOUR	CURRENT / AMPS
@ 100 HOUR RATE	1.280	2059	20.59
@ 72 HOUR RATE	1.280	1942	26.97
@ 50 HOUR RATE	1.280	1796	35.92
@ 24 HOUR RATE	1.280	1518	63.27
@ 20 HOUR RATE	1.280	1460	73.00
@ 15 HOUR RATE	1.280	1358	90.52
@ 12 HOUR RATE	1.280	1270	105.85
@ 10 HOUR 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

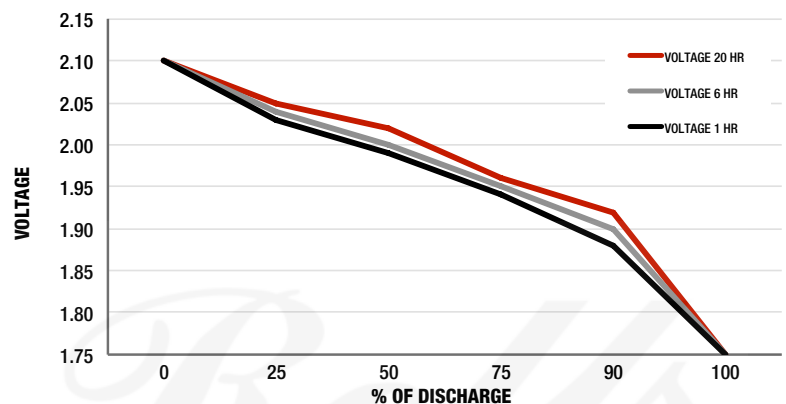
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SPEC 01

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

Rolls

FLOODED DEEP CYCLE BATTERIES

6 CS 17P

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:	81 kg	178 Lbs.
WEIGHT WET:	100 kg	221 Lbs.
LENGTH:	559 mm	22 Inches
WIDTH:	210 mm	8 1/4 Inches
HEIGHT:	464 mm	18 1/4 Inches

PLATE HEIGHT:	273 mm	10.750 Inches
PLATE WIDTH:	143 mm	5.625 Inches
THICKNESS (POSITIVE):	6.60 mm	0.260 Inches
THICKNESS (NEGATIVE):	4.57 mm	0.180 Inches
POSITIVE PLATE DOUBLE WRAPPED WITH SLYVER ENVELOPED WITH HEAVY DUTY SEPARATOR		



CELLS:	17 Plates/Cell	3 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	1357
MARINE CRANK AMPS (MCA):	32°F / 0°C	1696
RESERVE CAPACITY (RC @ 25A):		1083 Minutes

CAPACITY **546 AH**

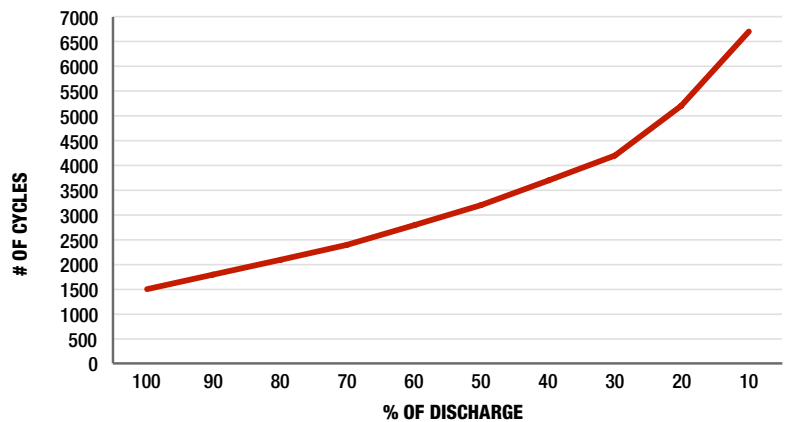
HOURLY RATE:	SPECIFIC GRAVITY	CAPACITY / AMP HOUR	CURRENT / AMPS
@ 100 HOUR RATE	1.280	770	7.70
@ 72 HOUR RATE	1.280	726	10.09
@ 50 HOUR RATE	1.280	672	13.43
@ 24 HOUR RATE	1.280	568	23.66
@ 20 HOUR RATE	1.280	546	27.30
@ 15 HOUR RATE	1.280	508	33.85
@ 12 HOUR RATE	1.280	475	39.59
@ 10 HOUR RATE	1.280	453	45.32
@ 8 HOUR RATE	1.280	426	53.24
@ 6 HOUR RATE	1.280	388	64.61
@ 5 HOUR RATE	1.280	366	73.16
@ 4 HOUR RATE	1.280	339	84.63
@ 3 HOUR RATE	1.280	306	101.92
@ 2 HOUR RATE	1.280	262	131.04
@ 1 HOUR RATE	1.280	186	185.64

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

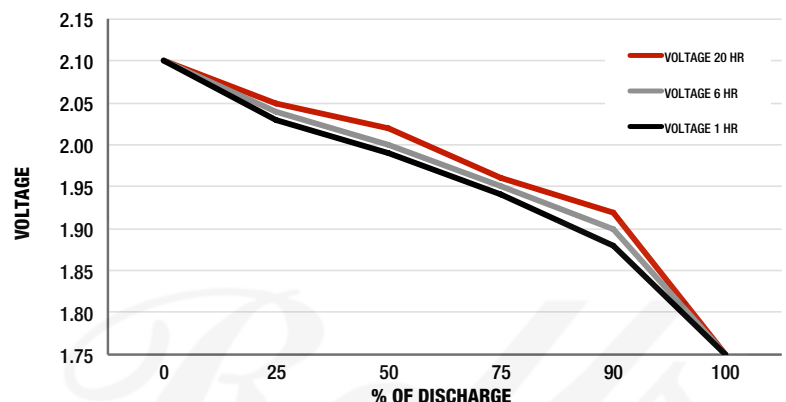
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SPEC 01

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