



DEEP CYCLE
SERIES: 4500
MODEL: S-1400EX

BATTERY ENGINEERING
 WWW.ROLLSBATTERY.COM MADE IN CANADA

BATTERY TYPE: 2 VOLTS

DIMENSIONS:

LENGTH 340 MM 13 3/8 INCHES
WIDTH 181 MM 7 1/8 INCHES
HEIGHT 432 MM 17 INCHES

WEIGHTS:

WEIGHT DRY 42 KG 93 LBS.
WEIGHT WET 57 KG 126 LBS.

CONTAINER CONSTRUCTION:

CONTAINER: HIGH DENSITY POLYPROPYLENE

TERMINALS: 2V L-16 TERMINAL

COVER: HIGH DENSITY POLYPROPYLENE

HANDLES: ROPE

PLATES:

POSITIVE PLATE DIMENSION:

HEIGHT 273 MM 10.750 INCHES
WIDTH 143 MM 5.625 INCHES
THICKNESS 6.73 MM 0.265 INCHES

CELLS: 1

PLATES/CELL: 29

NEGATIVE PLATE DIMENSION:

HEIGHT 273 MM 10.750 INCHES
WIDTH 143 MM 5.625 INCHES
THICKNESS 4.70 MM 0.185 INCHES

SEPARATOR:

THICKNESS 2 MM 0.061 INCHES

INSULATION:

GLASS MAT 1 MM 0.020 INCHES

CAPACITY:

CRANK AMPS:
COLD (CCA) 0°F / -17.8°C 2366
MARINE (MCA) 32°F / 0°C 2957

ELECTROLYTE RESERVE:

ABOVE PLATES 57 MM 2.25 INCHES

RESERVE CAPACITY:

RC @ 25A 2150 MINUTES

20 HR RATE: 1000 50% DOD

	HOUR RATE	SPECIFIC GRAVITY	CAP / AH	CURRENT / AMPS
CAPACITY @	100 HOUR RATE	1.280 SP. GR.	1408	14.08
CAPACITY @	72 HOUR RATE	1.280 SP. GR.	1330	18.47
CAPACITY @	50 HOUR RATE	1.280 SP. GR.	1230	24.60
CAPACITY @	24 HOUR RATE	1.280 SP. GR.	1040	43.3
CAPACITY @	20 HOUR RATE	1.280 SP. GR.	1000	50.0
CAPACITY @	15 HOUR RATE	1.280 SP. GR.	930	62.0
CAPACITY @	12 HOUR RATE	1.280 SP. GR.	870	72.5
CAPACITY @	10 HOUR RATE	1.280 SP. GR.	830	83.0
CAPACITY @	8 HOUR RATE	1.280 SP. GR.	780	97.5
CAPACITY @	6 HOUR RATE	1.280 SP. GR.	710	118.3
CAPACITY @	5 HOUR RATE	1.280 SP. GR.	670	134
CAPACITY @	4 HOUR RATE	1.280 SP. GR.	620	155
CAPACITY @	3 HOUR RATE	1.280 SP. GR.	560	187
CAPACITY @	2 HOUR RATE	1.280 SP. GR.	480	240
CAPACITY @	1 HOUR RATE	1.280 SP. GR.	340	340

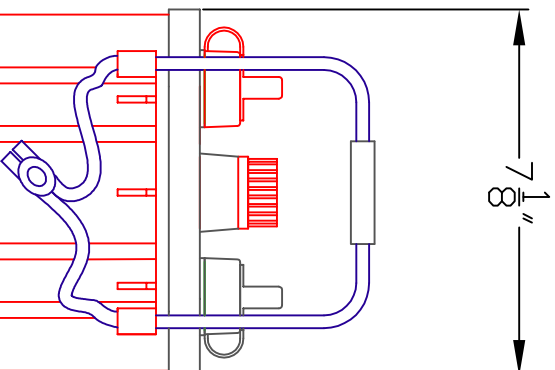
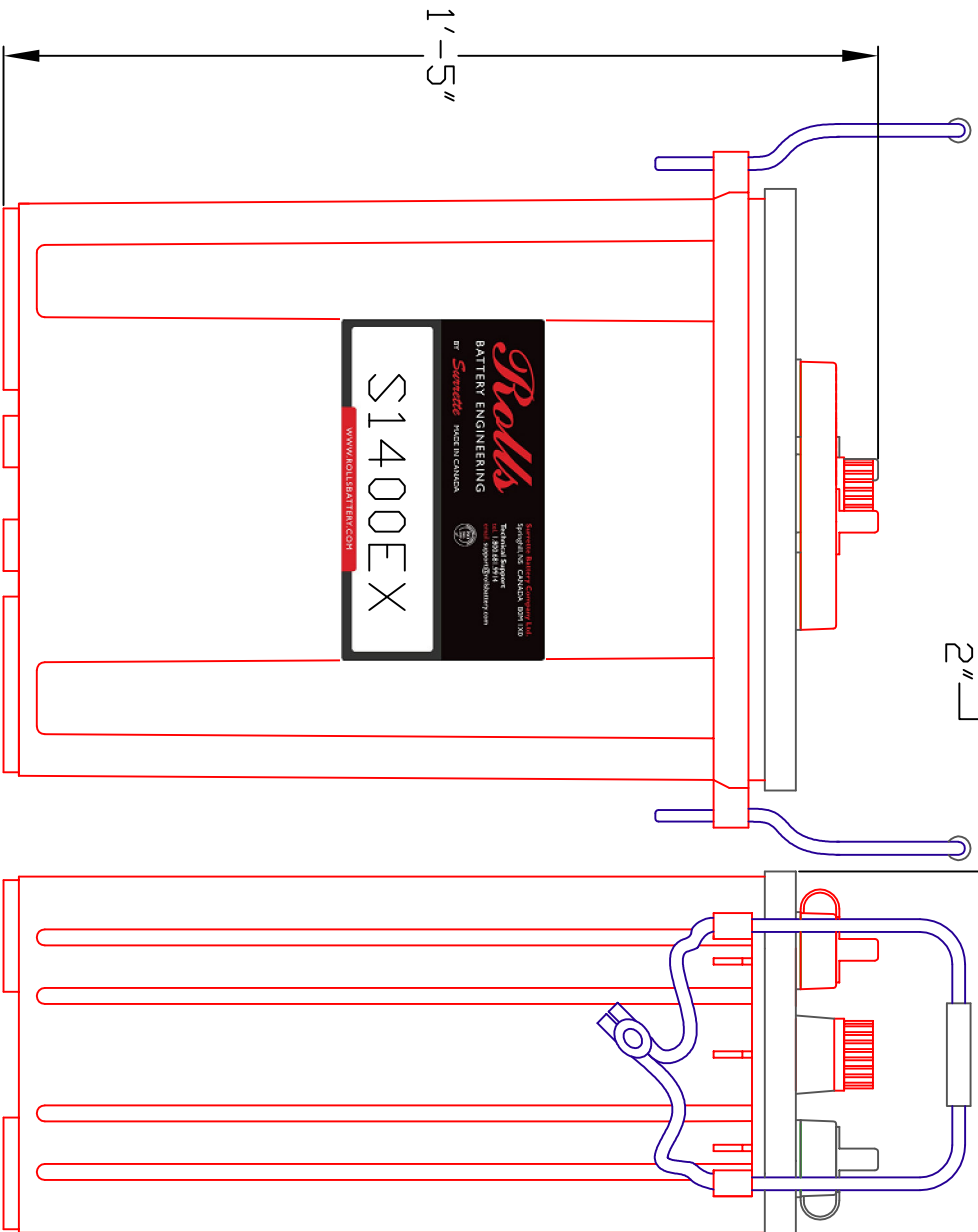
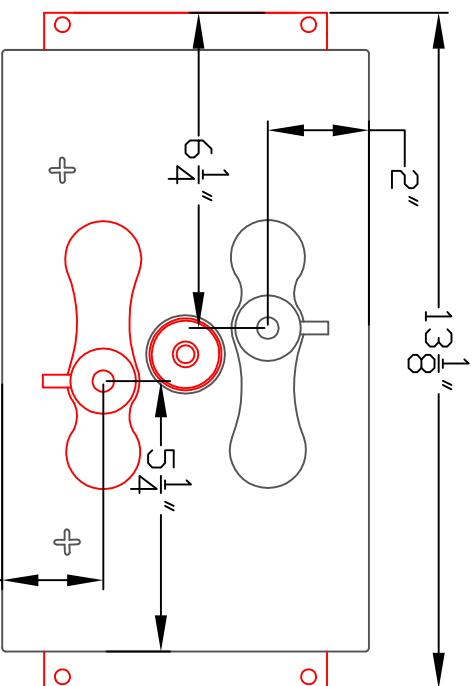


1 STATION RD SPRINGHILL, NOVA SCOTIA

www.MatrixEnergy.ca
 Toll Free: 1-866-630-5630



REV.2
 May-13
 S-1400EX



PART NUMBER: S1400EX

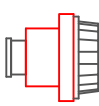
WEIGHT WET: 126 LB / 57 KG

WEIGHT DRY: 93 LB / 42 KG

CAPACITY 1000 AH 20HR RATE
1408 AH 100HR RATE

VOLTAGE: 2 V

OVERALL DIMENSIONS: 13 1/8 X 7 1/8 X 17 "



MAX HEIGHT WITH OPTIONAL HYDROCAPS 18"



BATTERY COMPANY LTD.

SPRINGHILL, NOVA SCOTIA, CANADA

TITLE: S1400EX

DESCRIPTION: 2V DEEP CYCLE SOLAR SERIES 4500

CONTACT INFO:

WEB: WWW.ROLLSBATTERY.COM
E-MAIL: SALES@ROLLSBATTERY.COM
PHONE: 1-800-681-9914

SCALE: 1" = 4" JPEGI
8.5" X 11" NOT TO SCALE

Drawn by: P. FERRON Approved By: JD SURRETTE

DATE: 8 MAY 2013 REVISION 0

DRAWING NO.: S1400EX.dwg