



DEEP CYCLE
SERIES: 4000
MODEL: S-1590

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 39 KG 86 LBS.
WEIGHT WET 55 KG 121 LBS.

CONTAINER CONSTRUCTION:

CONTAINER: HIGH DENSITY POLYPROPYLENE
COVER: HIGH DENSITY POLYPROPYLENE

TERMINALS: 2V L-16 TERMINAL
HANDLES: ROPE

PLATES:

POSITIVE PLATE DIMENSION:

HEIGHT 273 MM 10.750 INCHES
WIDTH 143 MM 5.625 INCHES
THICKNESS 4.32 MM 0.170 INCHES

CELLS: 1
PLATES/CELL: 49

NEGATIVE PLATE DIMENSION:

HEIGHT 273 MM 10.750 INCHES
WIDTH 143 MM 5.625 INCHES
THICKNESS 3.05 MM 0.120 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
MARINE (MCA) 32°F / 0°C

ELECTROLYTE RESERVE:
ABOVE PLATES 57 MM 2.25 INCHES
RESERVE CAPACITY:
RC @ 25A 2610 MINUTES

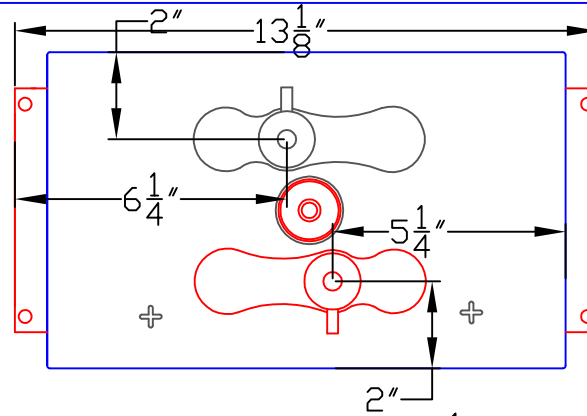
20 HR RATE: 1200

	HOUR RATE	SPECIFIC GRAVITY	CAP / AH	CURRENT / AMPS
CAPACITY @	100 HOUR RATE	1.280 SP. GR.	1596	15.96
CAPACITY @	72 HOUR RATE	1.280 SP. GR.	1512	21.00
CAPACITY @	50 HOUR RATE	1.280 SP. GR.	1428	28.56
CAPACITY @	24 HOUR RATE	1.280 SP. GR.	1236	51.5
CAPACITY @	20 HOUR RATE	1.280 SP. GR.	1200	60.0
CAPACITY @	15 HOUR RATE	1.280 SP. GR.	1128	75.2
CAPACITY @	12 HOUR RATE	1.280 SP. GR.	1068	89.0
CAPACITY @	10 HOUR RATE	1.280 SP. GR.	1020	102.0
CAPACITY @	8 HOUR RATE	1.280 SP. GR.	960	120.0
CAPACITY @	6 HOUR RATE	1.280 SP. GR.	888	148.0
CAPACITY @	5 HOUR RATE	1.280 SP. GR.	840	168
CAPACITY @	4 HOUR RATE	1.280 SP. GR.	780	195
CAPACITY @	3 HOUR RATE	1.280 SP. GR.	708	236
CAPACITY @	2 HOUR RATE	1.280 SP. GR.	612	306
CAPACITY @	1 HOUR RATE	1.280 SP. GR.	432	432




1 STATION RD SPRINGHILL, NOVA SCOTIA CANADA B0M 1X0 1.800.681.9914

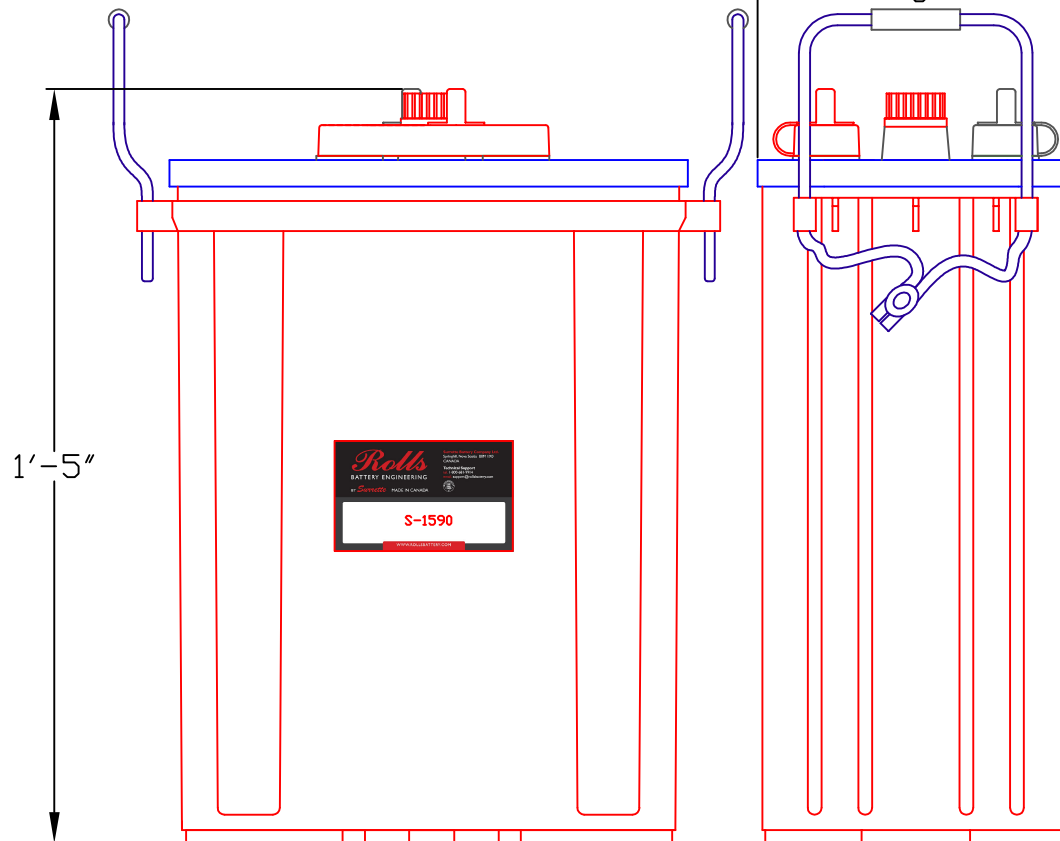
REV.2
 Jan-10
 S-1590



PART NUMBER: S1590
 WEIGHT WET: 121 LB / 55 KG
 WEIGHT DRY: 85 LB / 39 KG
 CAPACITY 1200 AH 20HR

VOLTAGE: 2 V
 OVERALL DIMENSIONS: 13 1/8" X 7 1/8" X 17"

 MAX HEIGHT WITH OPTIONAL HYDROCAPS 18"



TITLE:
S1590

DESCRIPTION:
2V DEEP CYCLE SOLAR SERIES 4000

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

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

Drawn by: P. FERRON Approved By: JD SURRETTE

DATE: JAN-2010 REVISION 2

DRAWING NO.: S1590.dwg