



**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

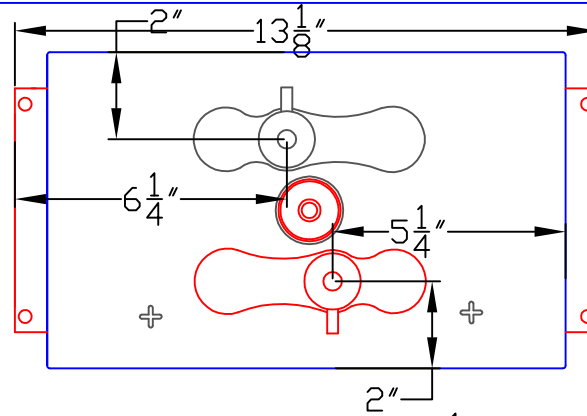
**20 HR RATE: 1200**

	<b>HOUR RATE</b>	<b>SPECIFIC GRAVITY</b>	<b>CAP / AH</b>	<b>CURRENT / AMPS</b>
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
<b>CAPACITY @</b>	<b>20 HOUR RATE</b>	<b>1.280 SP. GR.</b>	<b>1200</b>	<b>60.0</b>
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

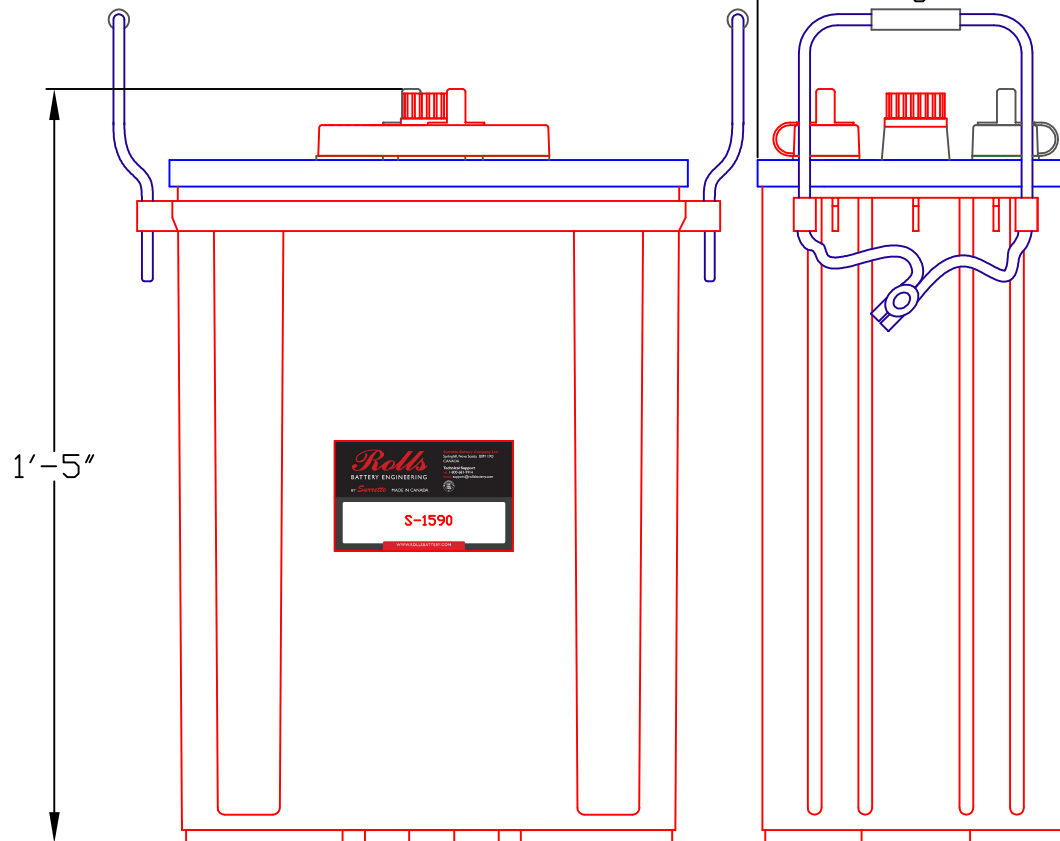
REV.2  
 Jan-10  
 S-1590



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  
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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