



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

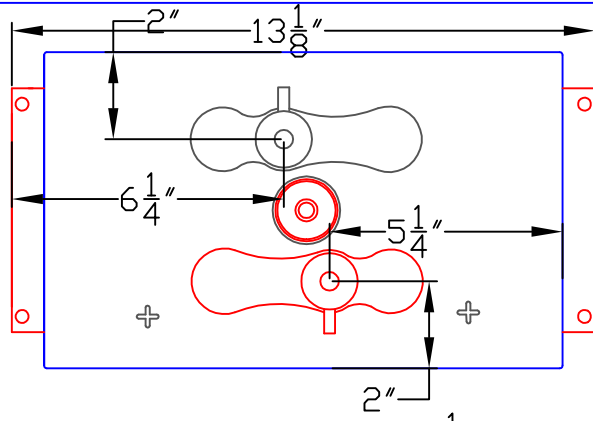
20 HR RATE: 1200 50% DOD

	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




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

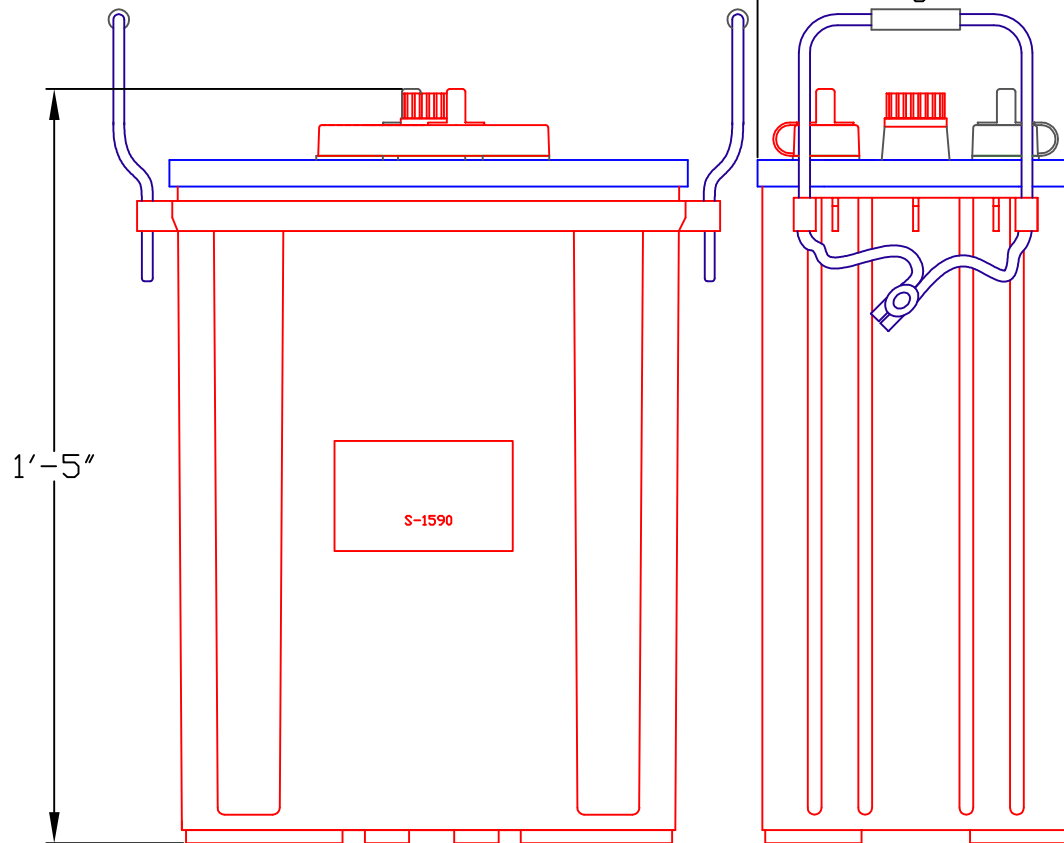
REV.2
 Jan-10
 S-1590



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" 8.5" X 11"	JPEG: NOT TO SCALE
Drawn by: P. FERRON	Approved By: JD SURRETTE
DATE: JAN-2010	REVISION 2
DRAWING NO.:	S1590.dwg