



DEEP CYCLE - SOLAR

SERIES: 4000
MODEL: S-1380

BATTERY TYPE: 2 VOLTS

DESIGN CRITERIA: 7 YEAR WARRANTY 10 YEAR LIFE
1300 CYCLES

DIMENSIONS:

LENGTH	392 MM	13 3/8 INCHES	WEIGHT DRY	37 KG	82 LBS.
WIDTH	181 MM	7 1/8 INCHES	WEIGHT WET	52 KG	115 LBS.
HEIGHT	432 MM	17 INCHES			

CONTAINER CONSTRUCTION:

CONTAINER	HIGH DENSITY POLYPROPYLENE	TERMINALS:	2V L16 TERMINAL
COVER	HIGH DENSITY POLYPROPYLENE	CELLS:	1
HANDLES	ROPE	PLATES / CELL:	43

PLATES:

POSITIVE PLATE DIMENSION:

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

SEPARATOR:

THICKNESS 2 MM 0.061 INCHES

NEGATIVE PLATE DIMENSION:

HEIGHT	273 MM	10.750 INCHES
WIDTH	143 MM	5.625 INCHES
THICKNESS	3.05 MM	0.120 INCHES

INSULATION:

GLASS MAT 1 MM 0.020 INCHES

ELECTROLYTE RESERVE: (ABOVE PLATES)

44 MM 1.75 INCHES

CAPACITY: 20 HR RATE 1050

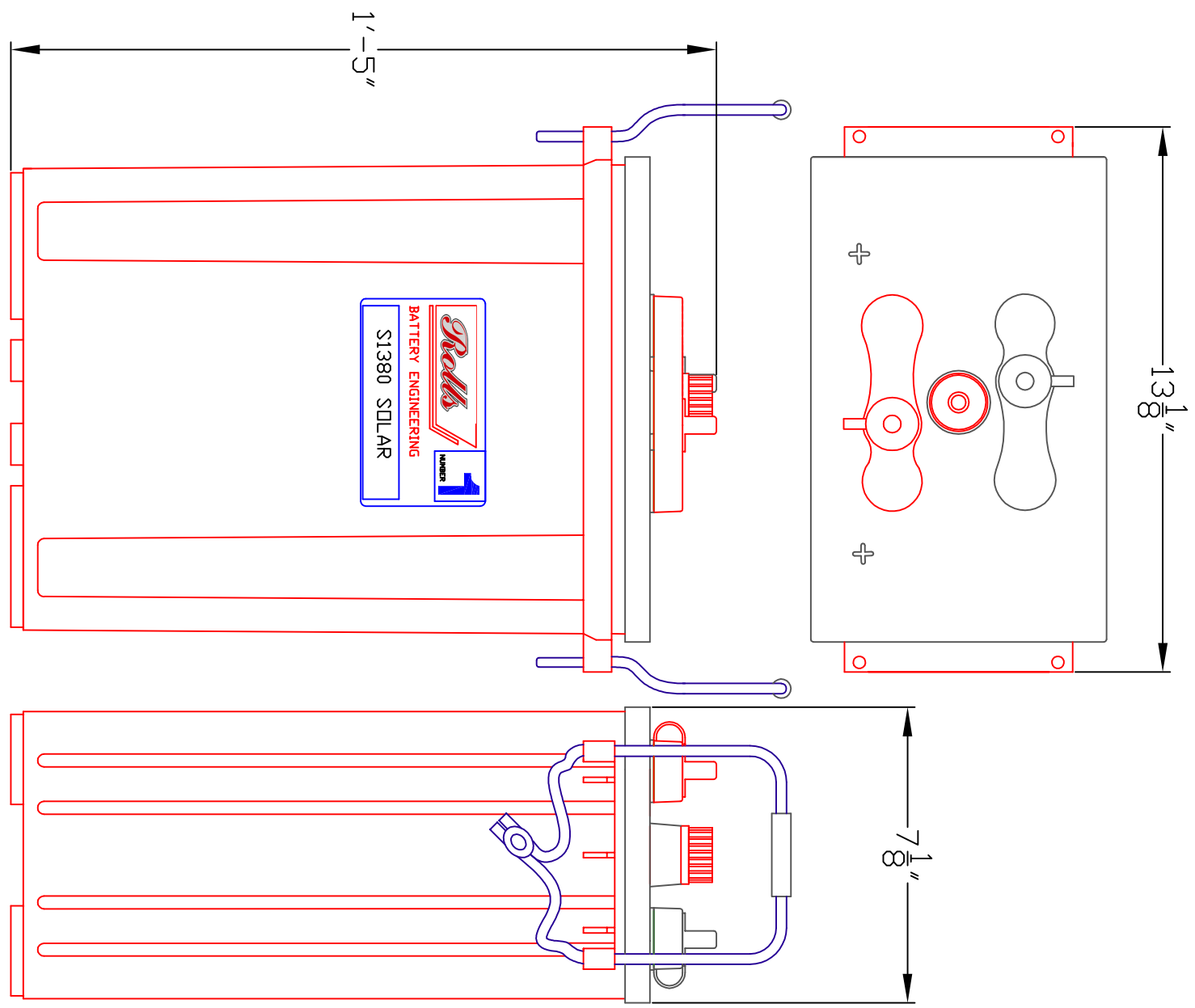
CRANK AMPS:

COLD (CCA)	0°F / -17.8'	2473
MARINE (MCA)	32°F / 0°C	3091

RESERVE CAPACITY:

RC @ 25A 2283 MINUTES

	HOUR RATE	SPECIFIC GRAVITY	CAP / AH	CURRENT / AMPS
CAPACITY @	100 HOUR RATE	1.280 SP. GR.	1381	13.81
CAPACITY @	72 HOUR RATE	1.280 SP. GR.	1323	18.38
CAPACITY @	50 HOUR RATE	1.280 SP. GR.	1250	24.99
CAPACITY @	24 HOUR RATE	1.280 SP. GR.	1082	45.1
CAPACITY @	20 HOUR RATE	1.280 SP. GR.	1050	52.5
CAPACITY @	15 HOUR RATE	1.280 SP. GR.	987	65.8
CAPACITY @	12 HOUR RATE	1.280 SP. GR.	935	77.9
CAPACITY @	10 HOUR RATE	1.280 SP. GR.	893	89.3
CAPACITY @	8 HOUR RATE	1.280 SP. GR.	840	105.0
CAPACITY @	6 HOUR RATE	1.280 SP. GR.	777	129.5
CAPACITY @	5 HOUR RATE	1.280 SP. GR.	735	147
CAPACITY @	4 HOUR RATE	1.280 SP. GR.	683	171
CAPACITY @	3 HOUR RATE	1.280 SP. GR.	620	207
CAPACITY @	2 HOUR RATE	1.280 SP. GR.	536	268
CAPACITY @	1 HOUR RATE	1.280 SP. GR.	378	378



PART NUMBER: S1380

WEIGHT WET: 115 LB / 52 KG

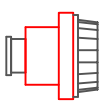
WEIGHT DRY: 82 LB / 35 KG

CAPACITY 1050 AH 20HR RATE

1381 AH 100HR RATE

VOLTAGE: 2 V

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



MAX HEIGHT WITH OPTIONAL HYDROCAPS 18"

Rolls	
BATTERY ENGINEERING	SALEM, MASS
TITLE: S1380 SOLAR	
DESCRIPTION: 2V DEEP CYCLE SOLAR SERIES 400/4000	
CONTACT INFO:	
WEB: WWW.ROLLSBATTERY.COM	
E-MAIL: SALES@ROLLSBATTERY.COM	
PHONE: 1-800-681-9914	
SCALE: 1" = 4" JPEGI: NOT TO SCALE	
8.5" X 11"	
Drawn by: P. FERRON	Approved By: JD SURRETTE
DATE: 10 FEB 09	REVISION 0
DRAWING NO: S1380.dwg	