



**DEEP CYCLE**  
**SERIES: 4000**  
**MODEL: 6 FS 450**

**BATTERY ENGINEERING**  
**WWW.ROLLSBATTERY.COM MADE IN CANADA**

**BATTERY TYPE: 6 VOLTS**

**DIMENSIONS:**

<b>LENGTH</b>	318 MM	12 1/2 INCHES
<b>WIDTH</b>	181 MM	7 1/8 INCHES
<b>HEIGHT</b>	425 MM	16 3/4 INCHES

**WEIGHTS:**

<b>WEIGHT DRY</b>	44 KG	97 LBS.
<b>WEIGHT WET</b>	55 KG	122 LBS.

**CONTAINER CONSTRUCTION:**

**CONTAINER:** HIGH DENSITY POLYPROPYLENE  
**COVER:** HIGH DENSITY POLYPROPYLENE

**TERMINALS:** FLAG 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:** 3  
**PLATES/CELL:** 19

**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 1370  
**MARINE (MCA)** 32°F / 0°C 1713

**ELECTROLYTE RESERVE:**  
**ABOVE PLATES** 57 MM 2.25 INCHES  
**RESERVE CAPACITY:**  
**RC @ 25A** 979 MINUTES

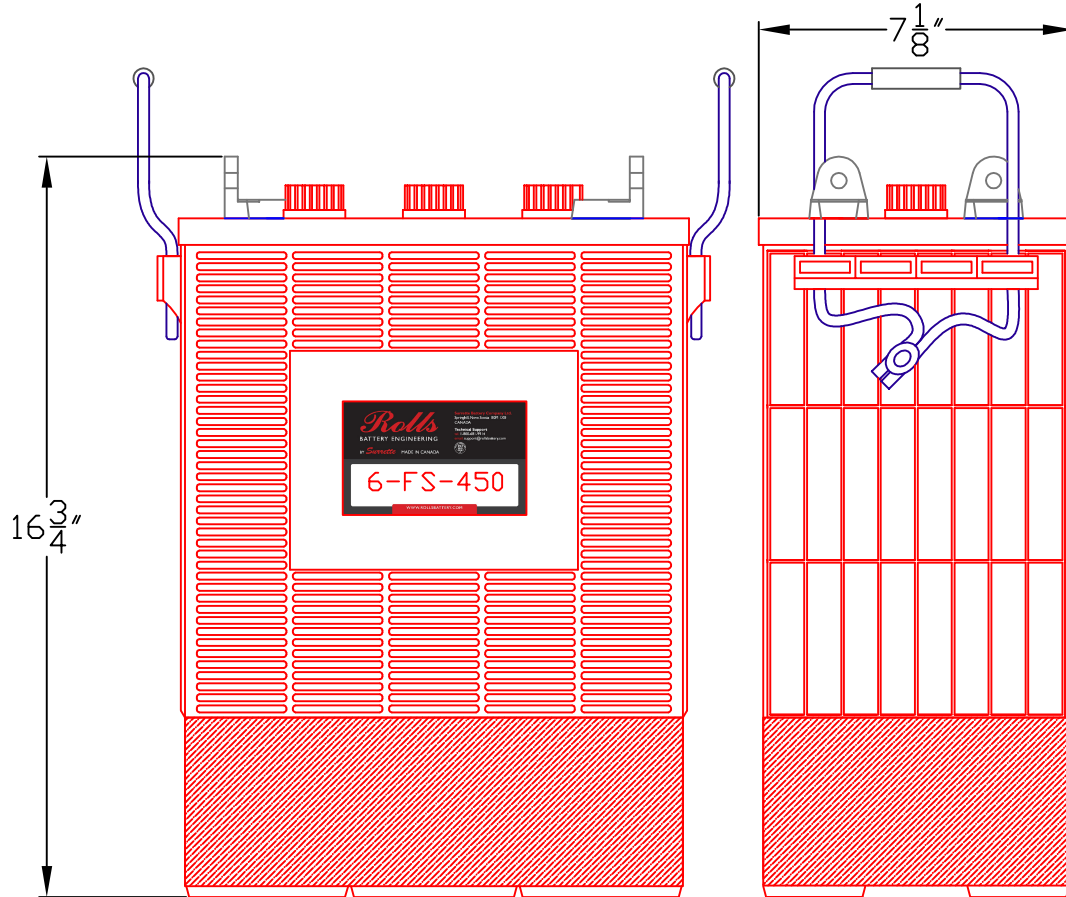
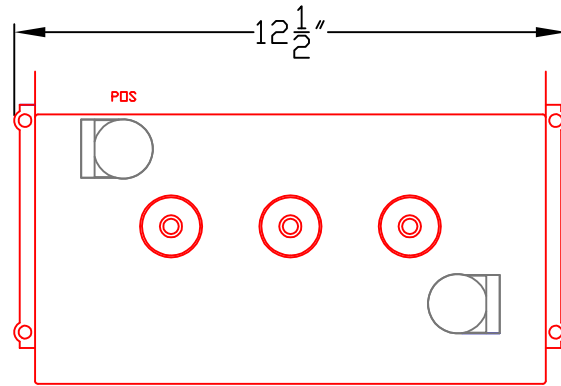
**20 HR RATE: 450**

	<b>20 HOUR RATE</b>	<b>SPECIFIC GRAVITY</b>	<b>CAP / AH</b>	<b>CURRENT / AMPS</b>
<b>CAPACITY @</b>	<b>20 HOUR RATE</b>	<b>1.280 SP. GR.</b>	<b>450</b>	<b>22.5</b>
CAPACITY @	15 HOUR RATE	1.280 SP. GR.	423	28.2
CAPACITY @	12 HOUR RATE	1.280 SP. GR.	401	33.4
CAPACITY @	10 HOUR RATE	1.280 SP. GR.	383	38.3
CAPACITY @	8 HOUR RATE	1.280 SP. GR.	369	46.1
CAPACITY @	6 HOUR RATE	1.280 SP. GR.	351	58.5
CAPACITY @	5 HOUR RATE	1.280 SP. GR.	335	67
CAPACITY @	4 HOUR RATE	1.280 SP. GR.	302	76
CAPACITY @	3 HOUR RATE	1.280 SP. GR.	280	93
CAPACITY @	2 HOUR RATE	1.280 SP. GR.	245	123
CAPACITY @	1 HOUR RATE	1.280 SP. GR.	172	172



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

REV.2  
 Apr-10  
 6 FS 450



PART NUMBER: 6-FS-450

WEIGHT WET: 122 LB / 55 KG

WEIGHT DRY: 97 LB / 44 KG

CAPACITY 450 AH 20HR RATE

VOLTAGE: 6 V

OVERALL DIMENSIONS: 12 1/2" X 7 1/8" X 16 3/4"



MAX HEIGHT WITH OPTIONAL HYDROCAPS 17.41"



TITLE: 6-FS-450

DESCRIPTION: 6V DEEP CYCLE SOLAR SERIES 4000

CONTACT INFO:  
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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.: S600.dwg