



DEEP CYCLE
SERIES: 4000
MODEL: 6 FS 450

BATTERY ENGINEERING
WWW.ROLLSBATTERY.COM MADE IN CANADA

BATTERY TYPE: 6 VOLTS

DIMENSIONS:

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

WEIGHTS:

WEIGHT DRY 44 KG 97 LBS.
WEIGHT WET 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

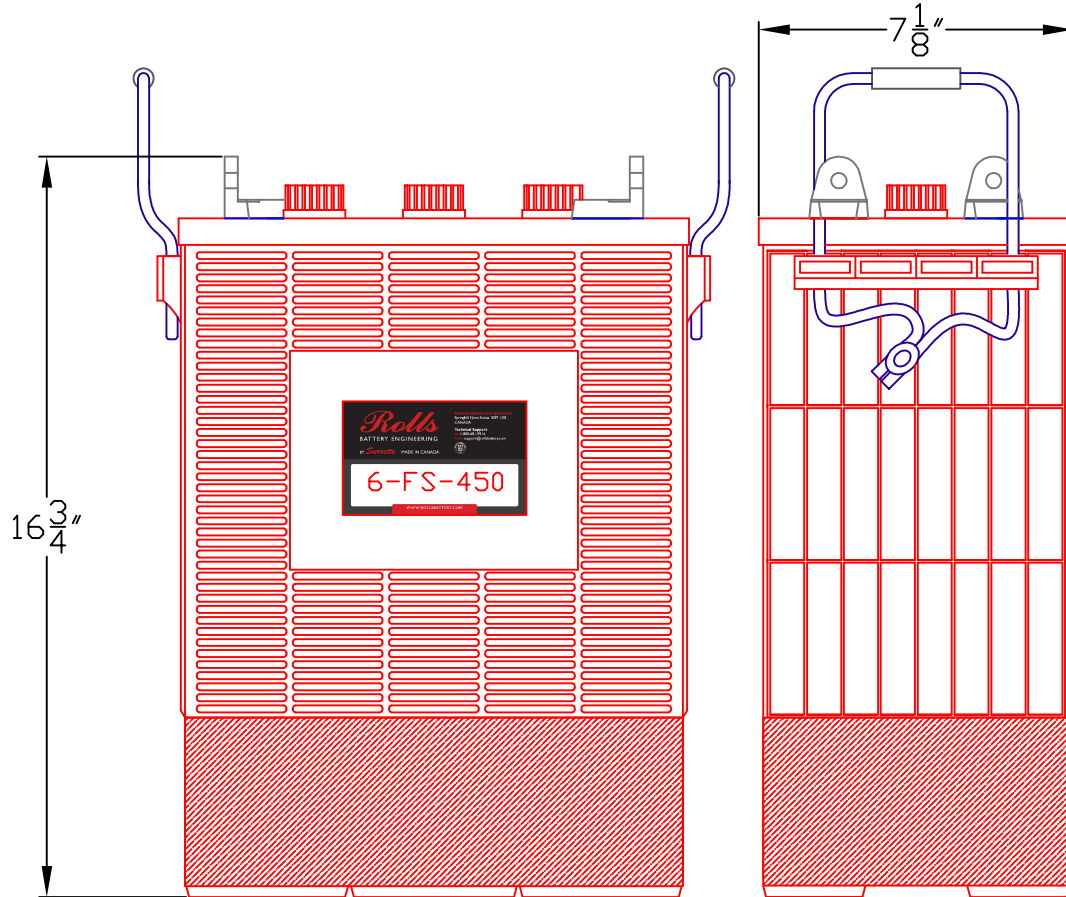
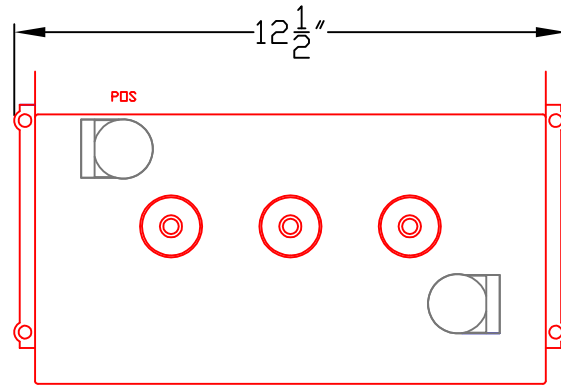
20 HR RATE: 450

	HOUR RATE	SPECIFIC GRAVITY	CAP / AH	CURRENT / AMPS
CAPACITY @	20 HOUR RATE	1.280 SP. GR.	450	22.5
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