



DEEP CYCLE
SERIES: 4000
MODEL: 12 FS 135

BATTERY ENGINEERING
WWW.ROLLSBATTERY.COM MADE IN CANADA

BATTERY TYPE: 12 VOLTS

DIMENSIONS:

LENGTH 343 MM 13 3/16 INCHES
WIDTH 171 MM 6 3/4 INCHES
HEIGHT 286 MM 11 1/4 INCHES

WEIGHTS:

WEIGHT DRY 33 KG 72 LBS.
WEIGHT WET 41 KG 90 LBS.

CONTAINER CONSTRUCTION:

CONTAINER: POLYPROPYLENE w/ STRUCTURAL RIBBING **TERMINALS:** AUTO POST OR UNIVERSAL IF SPECIFIED
COVER: POLYPROPYLENE - HEAT SEALED **HANDLES:** PLASTIC MOUNTED TO COVER

PLATES:

POSITIVE PLATE DIMENSION:
HEIGHT 162 MM 6.375 INCHES
WIDTH 143 MM 5.625 INCHES
THICKNESS 3.56 MM 0.140 INCHES

CELLS: 6
PLATES/CELL: 11

NEGATIVE PLATE DIMENSION:
HEIGHT 162 MM 6.375 INCHES
WIDTH 143 MM 5.625 INCHES
THICKNESS 2.49 MM 0.098 INCHES

SEPARATOR:
THICKNESS 1 MM 0.050 INCHES
INSULATION:
GLASS MAT 1 MM 0.020 INCHES

CAPACITY:

CRANK AMPS:
COLD (CCA) 0°F / -17.8°C 512
MARINE (MCA) 32°F / 0°C 640

ELECTROLYTE RESERVE:
ABOVE PLATES 38 MM 1.5 INCHES
RESERVE CAPACITY:
RC @ 25A 227 MINUTES

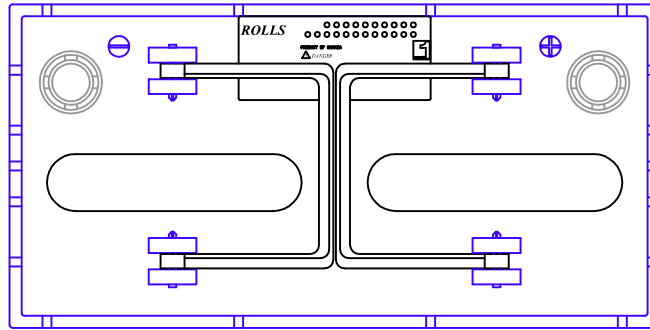
20 HR RATE: 135

	HOUR RATE	SPECIFIC GRAVITY	CAP / AH	CURRENT / AMPS
CAPACITY @	20 HOUR RATE	1.280 SP. GR.	135	5.3
CAPACITY @	15 HOUR RATE	1.280 SP. GR.	129	8.6
CAPACITY @	12 HOUR RATE	1.280 SP. GR.	123	10.3
CAPACITY @	10 HOUR RATE	1.280 SP. GR.	119	11.9
CAPACITY @	8 HOUR RATE	1.280 SP. GR.	111	13.9
CAPACITY @	6 HOUR RATE	1.280 SP. GR.	106	17.7
CAPACITY @	5 HOUR RATE	1.280 SP. GR.	100	20
CAPACITY @	4 HOUR RATE	1.280 SP. GR.	92	23
CAPACITY @	3 HOUR RATE	1.280 SP. GR.	85	28
CAPACITY @	2 HOUR RATE	1.280 SP. GR.	72	36
CAPACITY @	1 HOUR RATE	1.280 SP. GR.	51	51



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

REV.2
 Apr-10
 12 FS 135



PART NUMBER: 12 FS 135

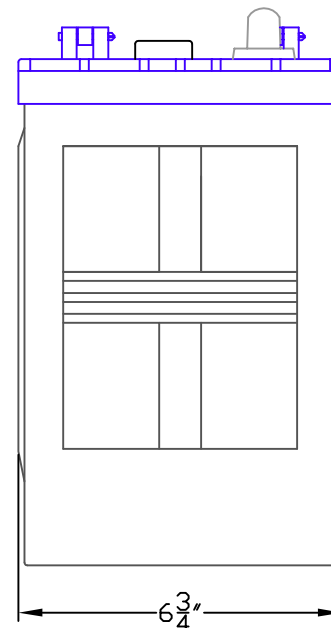
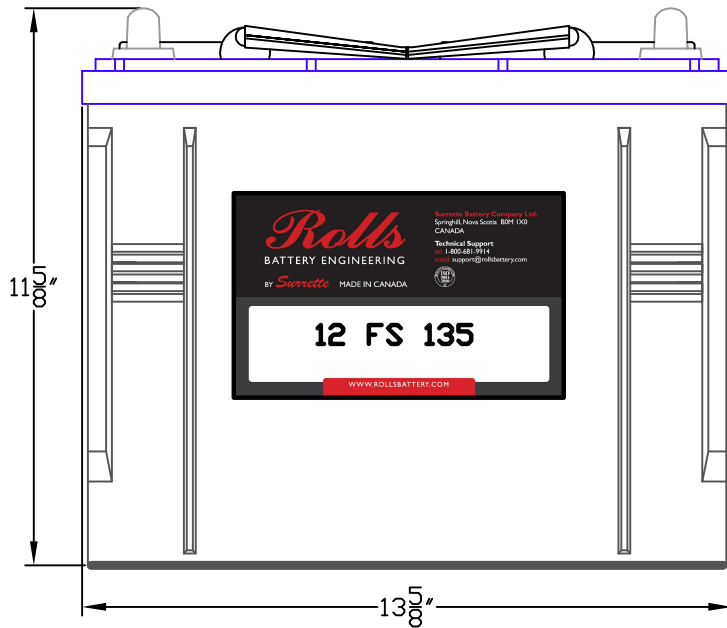
WEIGHT WET: 90 LB / 41 KG

WET DRY: 72 LB / 33 KG

CAPACITY 135 AH 20 HR

VOLTAGE: 12 V

OVERALL DIMENSIONS: $13\frac{3}{16}'' \times 6\frac{3}{4}'' \times 11\frac{1}{4}''$



Rolls
BATTERY ENGINEERING

TITLE: 12 FS 135

DESCRIPTION:
12V DEEP CYCLE- SERIES 4000

CONTACT INFO:
WEB: WWW.ROLLSBATTERY.COM
E-MAIL: SALES@ROLLSBATTERY.COM
PHONE: 1-800-681-9914

SCALE: $1'' = 4''$ JPEG:
 $8.5'' \times 11''$ NOT TO SCALE

Drawn by: S. WILES Approved By: D. SURRETTE

DATE: JAN-2010 REVISION 2

DRAWING NO.:
DWG 047, BD-T12136