



**DEEP CYCLE**  
**SERIES: 4000**  
**MODEL: 12 FS 105**

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

**BATTERY TYPE: 12 VOLTS**

**DIMENSIONS:**

<b>LENGTH</b>	324 MM	12 3/4 INCHES
<b>WIDTH</b>	168 MM	6 5/8 INCHES
<b>HEIGHT</b>	235 MM	9 1/4 INCHES

**WEIGHTS:**

<b>WEIGHT DRY</b>	23 KG	51 LBS.
<b>WEIGHT WET</b>	30 KG	67 LBS.

**CONTAINER CONSTRUCTION:**

**CONTAINER:** POLYPROPYLENE  
**COVER:** POLYPROPYLENE - HEAT SEALED

**TERMINALS:** UNIVERSAL OR FLAG IF SPECIFIED  
**HANDLES:** PLASTIC MOUNTED TO ENDS

**PLATES:**

**POSITIVE PLATE DIMENSION:**  
**HEIGHT** 127 MM 5.000 INCHES  
**WIDTH** 143 MM 5.625 INCHES  
**THICKNESS** 3.18 MM 0.125 INCHES

**CELLS:** 6  
**PLATES/CELL:** 11

**NEGATIVE PLATE DIMENSION:**  
**HEIGHT** 127 MM 5.000 INCHES  
**WIDTH** 143 MM 5.625 INCHES  
**THICKNESS** 2.08 MM 0.082 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 486  
**MARINE (MCA)** 32°F / 0°C 607

**ELECTROLYTE RESERVE:**  
**ABOVE PLATES** 38 MM 1.5 INCHES  
**RESERVE CAPACITY:**  
**RC @ 25A** 198 MINUTES

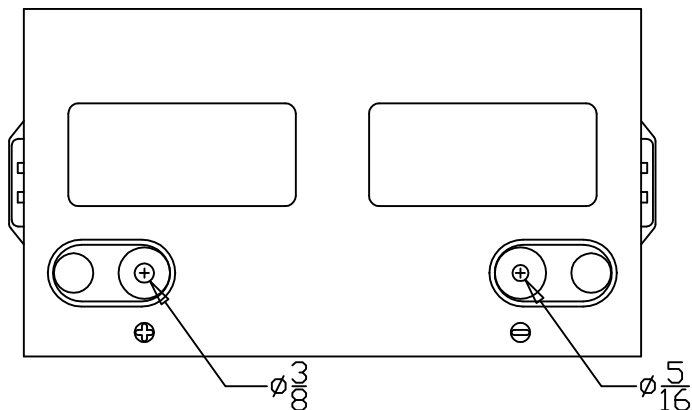
**20 HR RATE: 105**

	<b>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>105</b>	<b>5.3</b>
CAPACITY @	15 HOUR RATE	1.280 SP. GR.	99	6.6
CAPACITY @	12 HOUR RATE	1.280 SP. GR.	93	7.8
CAPACITY @	10 HOUR RATE	1.280 SP. GR.	89	8.9
CAPACITY @	8 HOUR RATE	1.280 SP. GR.	84	10.5
CAPACITY @	6 HOUR RATE	1.280 SP. GR.	78	13.0
CAPACITY @	5 HOUR RATE	1.280 SP. GR.	75	15
CAPACITY @	4 HOUR RATE	1.280 SP. GR.	68	17
CAPACITY @	3 HOUR RATE	1.280 SP. GR.	62	21
CAPACITY @	2 HOUR RATE	1.280 SP. GR.	54	27
CAPACITY @	1 HOUR RATE	1.280 SP. GR.	38	38

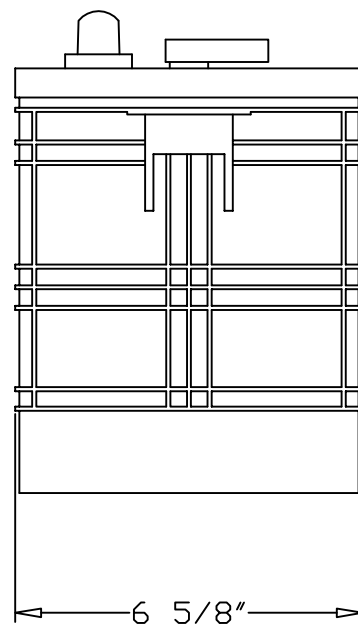
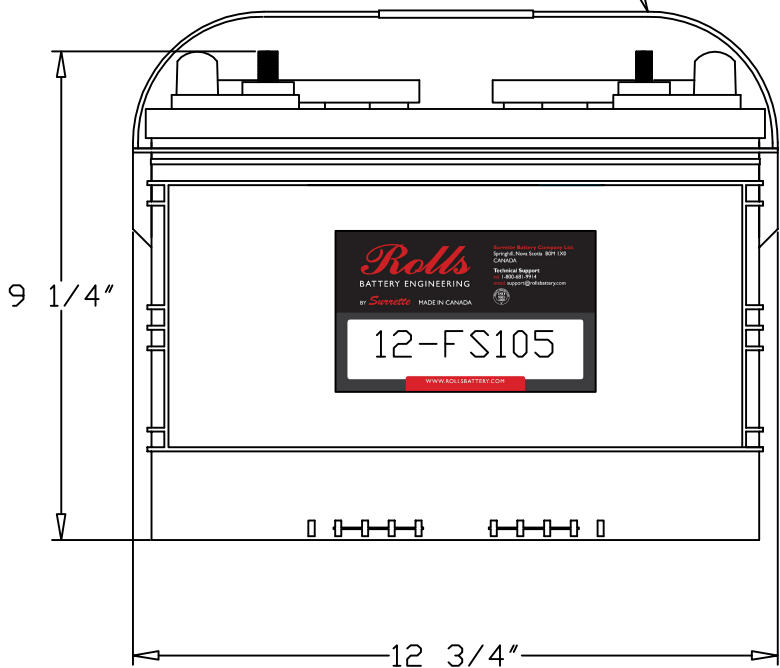


1 STATION RD SPRINGHILL, NOVA SCOTIA CANADA B0M 1X0 1.800.681.9914

REV.2  
 Apr-10  
 12 FS 105



REMOVABLE HANDLE -  
SHOWN IN SIDE VIEW ONLY



PART NUMBER: 12FS105  
 WEIGHT WET: 67 LB / 30 KG  
 WEIGHT DRY: 51 LB / 23 KG  
 CAPACITY: 105 AH 20HR RATE  
 VOLTAGE: 12 V  
 OVERALL DIMENSIONS: 12 3/4" X 6 5/8" X 9 1/4"



TITLE: 12FS105

DESCRIPTION: 12V 4000 DEEP CYCLE

CONTACT INFO:  
 WEB: WWW.ROLLSBATTERY.COM  
 E-MAIL: SALES@ROLLSBATTERY.COM  
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SCALE: 1" = 4" 8.5" X 11" JPEG: NOT TO SCALE

DATE: JAN-2010 REVISION 2

DRAWING NO.: DWG 049, 27HT90