



**DEEP CYCLE**  
**SERIES: 4000**  
**MODEL: 27 HT 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>	24 KG	52 LBS.
<b>WEIGHT WET</b>	31 KG	68 LBS.

**CONTAINER CONSTRUCTION:**

<b>CONTAINER:</b>	POLYPROPYLENE	<b>TERMINALS:</b>	UNIVERSAL OR FLAG IF SPECIFIED
<b>COVER:</b>	POLYPROPYLENE SEALED TO CONTAINER	<b>HANDLES:</b>	PLASTIC MOUNTED TO ENDS

**PLATES:**

**POSITIVE PLATE DIMENSION:**

<b>HEIGHT</b>	127 MM	5.000 INCHES
<b>WIDTH</b>	143 MM	5.625 INCHES
<b>THICKNESS</b>	3.18 MM	0.125 INCHES

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

**NEGATIVE PLATE DIMENSION:**

<b>HEIGHT</b>	127 MM	5.000 INCHES
<b>WIDTH</b>	143 MM	5.625 INCHES
<b>THICKNESS</b>	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** 119 MINUTES

**20 HR RATE: 105**

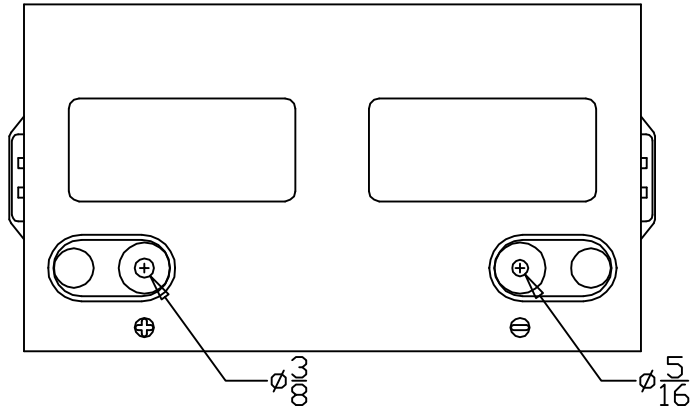
	<b>HOUR RATE</b>	<b>SPECIFIC GRAVITY</b>	<b>CAP / AH</b>	<b>CURRENT / AMPS</b>
CAPACITY @	100 HOUR RATE	1.280 SP. GR.	140	1.40
CAPACITY @	72 HOUR RATE	1.280 SP. GR.	132	1.84
CAPACITY @	50 HOUR RATE	1.280 SP. GR.	125	2.50
CAPACITY @	24 HOUR RATE	1.280 SP. GR.	108	4.5
<b>CAPACITY @</b>	<b>20 HOUR RATE</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.	74	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



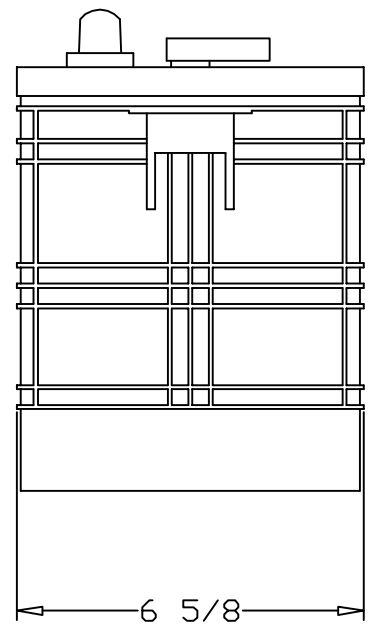
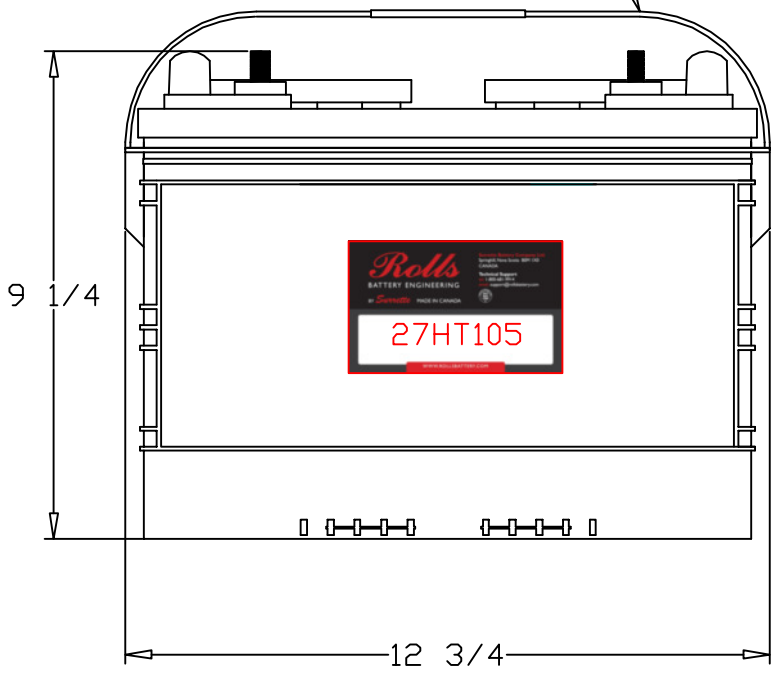
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PART NUMBER: **27HT105**  
 WEIGHT WET: 68 LB / 31 KG  
 WEIGHT DRY: 45 LB / 20 KG  
 CAPACITY: 105 AH 20HR RATE  
 VOLTAGE: 12 V  
 OVERALL DIMENSIONS: 12 <sup>3</sup>/<sub>4</sub>" X 6 <sup>5</sup>/<sub>8</sub>" X 9 <sup>1</sup>/<sub>4</sub>"



REMOVABLE HANDLE -  
 SHOWN IN SIDE VIEW ONLY



BATTERY ENGINEERING

TITLE: **27HT105**

DESCRIPTION: 12V DEEP CYCLE MARINE  
 SERIES 4000

CONTACT INFO:  
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 PHONE: 1-800-681-9914

SCALE: 1" = 4"      JPEG:  
 8.5" X 11"      NOT TO SCALE

DATE: 17-MAR-10      REVISION 2

DRAWING NO.: **27HT105.dwg**