



**DEEP CYCLE**  
**SERIES: 5000**  
**MODEL: 16 CH 33 P**

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

**BATTERY TYPE: 32 VOLTS**

**DIMENSIONS:**

**LENGTH** 1092 MM 43 INCHES  
**WIDTH** 686 MM 27 INCHES  
**HEIGHT** 508 MM 20 INCHES

**WEIGHTS:**

**WEIGHT DRY** 507 KG 1118 LBS.  
**WEIGHT WET** 730 KG 1609 LBS.

**CONTAINER CONSTRUCTION:**

**CONTAINER: (INNER)** POLYPROPYLENE **TERMINALS:** FLAG WITH STAINLESS STEEL NUTS AND BOLTS  
**COVER: (INNER)** POLYPROPYLENE - HEAT SEALED TO INNER CONTAINER  
**CONTAINER: (OUTER)** HIGH DENSITY POLYETHYLENE **HANDLES:** NONE  
**COVER: (OUTER)** HIGH DENSITY POLYETHYLENE SNAP FIT TO OUTER CONTAINER

**PLATES:**

**POSITIVE PLATE DIMENSION:**  
**HEIGHT** 270 MM 10.625 INCHES  
**WIDTH** 143 MM 5.625 INCHES  
**THICKNESS** 3.81 MM 0.150 INCHES

**NEGATIVE PLATE DIMENSION:**  
**HEIGHT** 270 MM 10.625 INCHES  
**WIDTH** 143 MM 5.625 INCHES  
**THICKNESS** 3.05 MM 0.120 INCHES

**CELLS:** 16 **PLATES/CELL:** 33

POSITIVE PLATE DOUBLE WRAPPED WITH SLYVER ENVELOPED WITH HEAVY DUTY SEPARATOR

**SEPARATOR:**  
**THICKNESS** 3 MM 0.105 INCHES

**INSULATION:**  
**GLASS MAT** 1 MM 0.020 INCHES

**CAPACITY:**

**CRANK AMPS:**  
**COLD (CCA)** 0°F / -17.8°C 2648  
**MARINE (MCA)** 32°F / 0°C 3310

**ELECTROLYTE RESERVE:**  
**ABOVE PLATES** 95 MM 3.75 INCHES

**RESERVE CAPACITY:**  
**RC @ 25A** 2362 MINUTES

**20 HR RATE: 88 I**

	<b>HOURLY RATE</b>	<b>SPECIFIC GRAVITY</b>	<b>CAP / AH</b>	<b>CURRENT / AMPS</b>
CAPACITY @	100 HOUR RATE	1.280 SP. GR.	1242	12.42
CAPACITY @	72 HOUR RATE	1.280 SP. GR.	1172	16.27
CAPACITY @	50 HOUR RATE	1.280 SP. GR.	1084	21.67
CAPACITY @	24 HOUR RATE	1.280 SP. GR.	916	38.2
<b>CAPACITY @</b>	<b>20 HOUR RATE</b>	<b>1.280 SP. GR.</b>	<b>881</b>	<b>44.1</b>
CAPACITY @	15 HOUR RATE	1.280 SP. GR.	819	54.6
CAPACITY @	12 HOUR RATE	1.280 SP. GR.	766	63.9
CAPACITY @	10 HOUR RATE	1.280 SP. GR.	731	73.1
CAPACITY @	8 HOUR RATE	1.280 SP. GR.	687	85.9
CAPACITY @	6 HOUR RATE	1.280 SP. GR.	626	104.3
CAPACITY @	5 HOUR RATE	1.280 SP. GR.	590	118
CAPACITY @	4 HOUR RATE	1.280 SP. GR.	546	137
CAPACITY @	3 HOUR RATE	1.280 SP. GR.	493	164
CAPACITY @	2 HOUR RATE	1.280 SP. GR.	423	211
CAPACITY @	1 HOUR RATE	1.280 SP. GR.	300	300



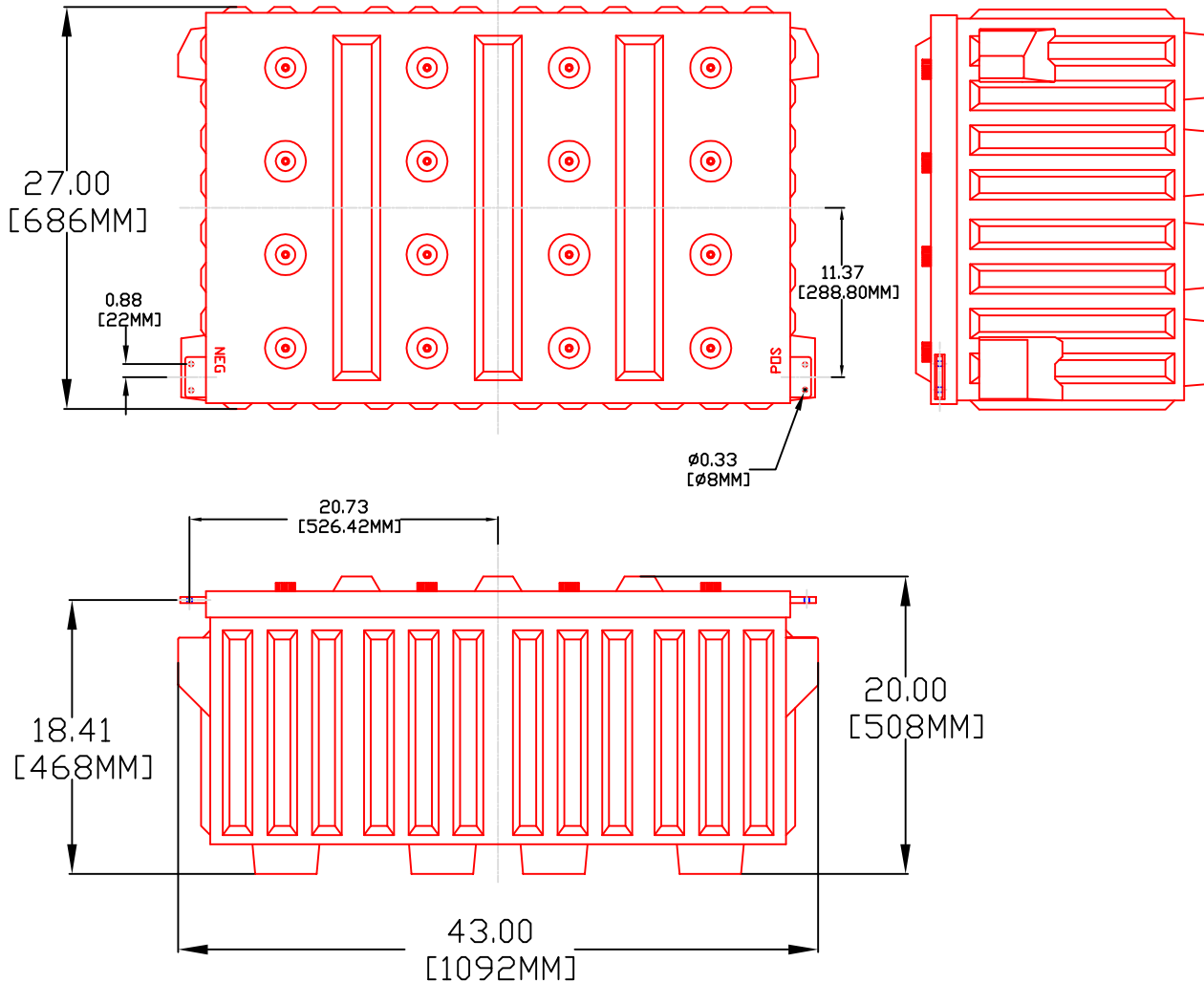
1 STATION RD SPRINGHILL, NOVA SCOTIA CANADA B0M 1X0 1.800.681.9914

REV.2  
 Jan-10

16 CH 33 P



Registered  
ISO 9001:2008



PART NUMBER: 16-CH-33P  
 WEIGHT WET: 1609 LB/ 730KG  
 WEIGHT DRY: 1118 LB/ 507KG  
 CAPACITY: 881 AH 20 HR  
 VOLTAGE: 32 V  
 OVERALL DIMS: 43"x 27"x 20"

 MAX HT WITH  
 OPTIONAL HYDROCAPS 20.88" / 530MM

**Rolls**  
 BATTERY ENGINEERING

TITLE:  
 16CH33P

DESCRIPTION:  
 32V / 16 CELL 33 PLATE (CH)  
 DIESEL STARTING 5000 SERIES

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

SCALE: 1" = 12" 1" = 8" JPEG:  
 8.5" X 11" 11" X 17" NOT TO SCALE

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

DATE: JAN-2010 REVISION 2.0

DRAWING NO.: DWG 023, BD16CH33P