



**DEEP CYCLE**  
**SERIES: 5000**  
**MODEL: 16 CH 25 P**

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

**BATTERY TYPE: 32 VOLTS**

**DIMENSIONS:**

<b>LENGTH</b>	855 MM	33 2/3 INCHES
<b>WIDTH</b>	686 MM	27 INCHES
<b>HEIGHT</b>	521 MM	20 1/2 INCHES

**WEIGHTS:**

<b>WEIGHT DRY</b>	387 KG	853 LBS.
<b>WEIGHT WET</b>	562 KG	1238 LBS.

**CONTAINER CONSTRUCTION:**

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

**PLATES:**

**POSITIVE PLATE DIMENSION:**

<b>HEIGHT</b>	270 MM	10.625 INCHES
<b>WIDTH</b>	143 MM	5.625 INCHES
<b>THICKNESS</b>	3.81 MM	0.150 INCHES

**NEGATIVE PLATE DIMENSION:**

<b>HEIGHT</b>	270 MM	10.625 INCHES
<b>WIDTH</b>	143 MM	5.625 INCHES
<b>THICKNESS</b>	3.05 MM	0.120 INCHES

**CELLS:** 16      **PLATES/CELL:** 25

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:**

<b>CRANK AMPS:</b>		
<b>COLD (CCA)</b>	0°F / -17.8°C	2027
<b>MARINE (MCA)</b>	32°F / 0°C	2534

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

**RESERVE CAPACITY:**  
**RC @ 25A** 1681 MINUTES

**20 HR RATE: 660**

	<b>HOURLY RATE</b>	<b>SPECIFIC GRAVITY</b>	<b>CAP / AH</b>	<b>CURRENT / AMPS</b>
CAPACITY @	100 HOUR RATE	1.280 SP. GR.	931	9.31
CAPACITY @	72 HOUR RATE	1.280 SP. GR.	878	12.19
CAPACITY @	50 HOUR RATE	1.280 SP. GR.	812	16.24
CAPACITY @	24 HOUR RATE	1.280 SP. GR.	686	28.6
<b>CAPACITY @</b>	<b>20 HOUR RATE</b>	<b>1.280 SP. GR.</b>	<b>660</b>	<b>33.0</b>
CAPACITY @	15 HOUR RATE	1.280 SP. GR.	614	40.9
CAPACITY @	12 HOUR RATE	1.280 SP. GR.	574	47.9
CAPACITY @	10 HOUR RATE	1.280 SP. GR.	548	54.8
CAPACITY @	8 HOUR RATE	1.280 SP. GR.	515	64.4
CAPACITY @	6 HOUR RATE	1.280 SP. GR.	469	78.1
CAPACITY @	5 HOUR RATE	1.280 SP. GR.	442	88
CAPACITY @	4 HOUR RATE	1.280 SP. GR.	409	102
CAPACITY @	3 HOUR RATE	1.280 SP. GR.	370	123
CAPACITY @	2 HOUR RATE	1.280 SP. GR.	317	158
CAPACITY @	1 HOUR RATE	1.280 SP. GR.	224	224



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

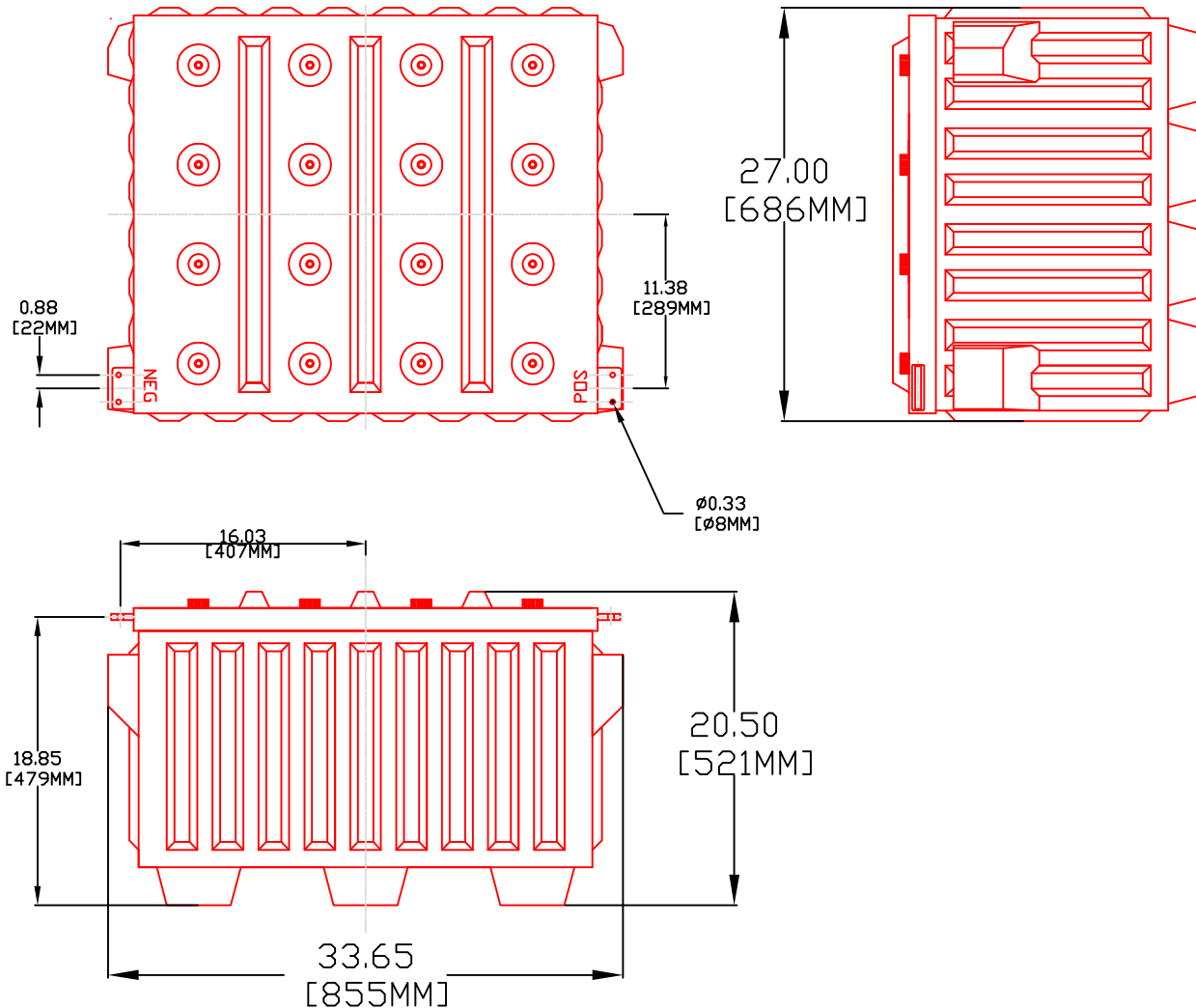
REV.2

Jan-10

16 CH 25 P



PART NUMBER: 16-CH-25P  
 WEIGHT WET: 1238 LB/ 562 KG  
 WEIGHT DRY: 853 LB/ 386 KG  
 CAPACITY: 660 AH 20 HR  
 VOLTAGE: 32 V  
 OVERALL DIMS: 33<sup>2</sup>/<sub>3</sub>" x 27" x 20<sup>1</sup>/<sub>2</sub>"  
 MAX HT WITH OPTIONAL HYDROCAPS 21.32" / 542MM



**Rolls**  
 BATTERY ENGINEERING

TITLE:  
 16CH25P

DESCRIPTION:  
 32V / 16 CELL 25 PLATE (CH)  
 DIESEL STARTING 5000 SERIES

CONTACT INFO:  
 WEB: WWW.ROLLSBATTERY.COM  
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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 022, BD16CH25P