



# HEAVY DUTY DEEP CYCLE SERIES 4000

**BATTERY TYPE**

**VOLTS 12**

**24 HT 80**

**DIMENSIONS**

LENGTH	318 MM	12 1/2	INCHES
WIDTH	171 MM	6 3/4	INCHES
HEIGHT	241 MM	9 1/2	INCHES

**WEIGHT DRY**

21 KG 46 LBS.

**WEIGHT WET**

28 KG 62 LBS.

**CONTAINER CONSTRUCTION**

CONTAINER	POLYPROPYLENE
COVER	POLYPROPYLENE - HEAT SEALED TO CONTAINER
HANDLE	PLASTIC MOUNTED TO ENDS

**PLATES PER CELL**

7

**ELECTROLYTE RESERVE ABOVE PLATES**

38 MM 1.5 INCHES

**DESIGN CRITERIA 7 YEAR WARRANTY**

1300CYCLES 10 YEAR LIFE

**POSITIVE PLATE DIMENSION**

HEIGHT	127 MM	5	INCHES
WIDTH	143 MM	5.625	INCHES
THICKNESS	3.18 MM	0.125	INCHES

**NEGATIVE PLATE DIMENSION**

HEIGHT	127 MM	5	INCHES
WIDTH	143 MM	5.625	INCHES
THICKNESS	2.08 MM	0.082	INCHES

**SEPARATOR INSULATION**

SEPARATOR THICKNESS  
0.020" GLASS MAT

0.05 INCH

**TERMINALS**

UNIVERSAL OR FLAG IF SPECIFIED

**COLD CRANK**

CCA	0°F / -17.8°C	324
MCA	32°F / 0°C	405

**RESERVE**

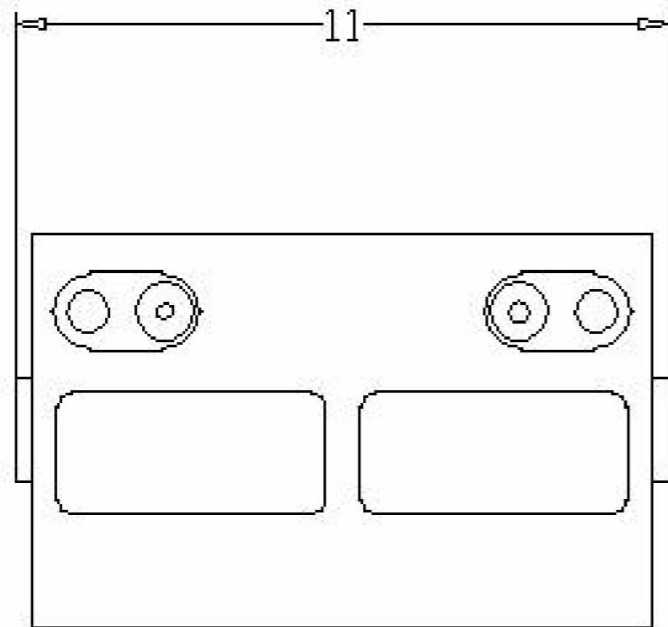
**MINUTES AT 25A** 163

**CAPACITY**

20 HR RATE 80

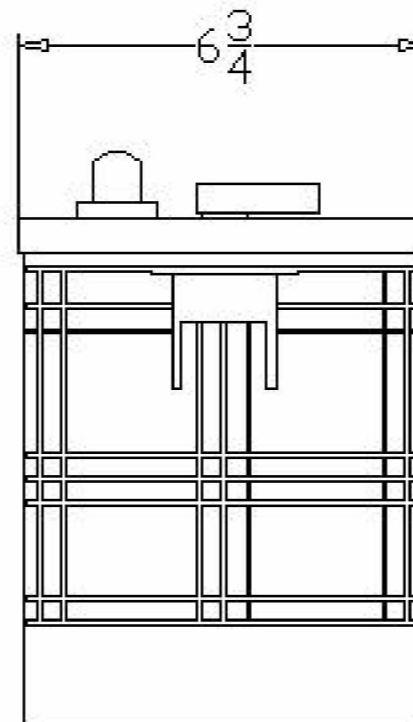
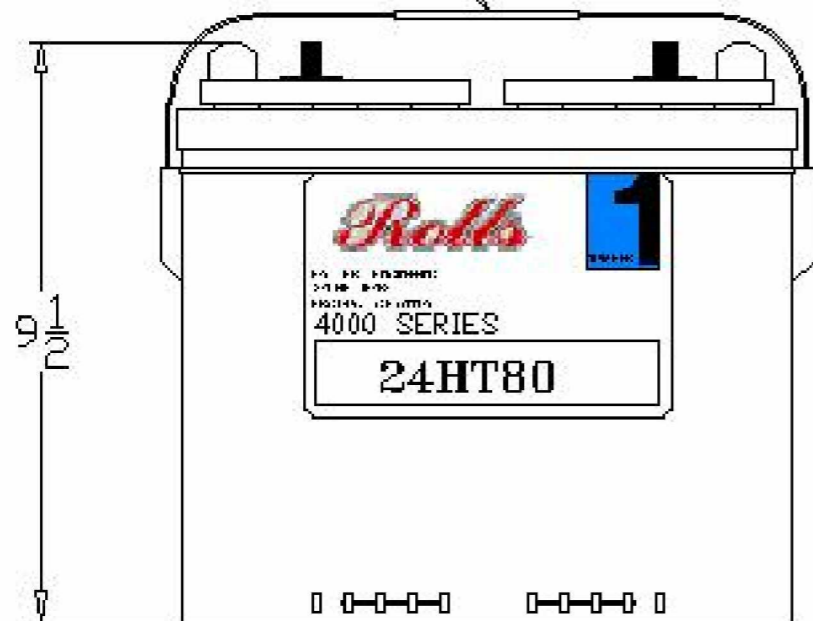
CAP / AH CURRENT / AMPS

<b>CAPACITY AT THE 20 HOUR RATE</b>	<b>1.265 SP. GR.</b>	<b>80</b>	<b>4.0</b>
CAPACITY AT THE 15 HOUR RATE	1.265 SP. GR.	75	5.0
CAPACITY AT THE 12 HOUR RATE	1.265 SP. GR.	71	5.9
CAPACITY AT THE 10 HOUR RATE	1.265 SP. GR.	68	6.8
CAPACITY AT THE 8 HOUR RATE	1.265 SP. GR.	64	8.0
CAPACITY AT THE 6 HOUR RATE	1.265 SP. GR.	59	9.9
CAPACITY AT THE 5 HOUR RATE	1.265 SP. GR.	56	11
CAPACITY AT THE 4 HOUR RATE	1.265 SP. GR.	52	13
CAPACITY AT THE 3 HOUR RATE	1.265 SP. GR.	47	16
CAPACITY AT THE 2 HOUR RATE	1.265 SP. GR.	41	20
CAPACITY AT THE 1 HOUR RATE	1.265 SP. GR.	29	29



PART NUMBER: **24HT80**  
 WEIGHT WET: 50 LB / 23 KG  
 WEIGHT DRY: 38 LB / 17 KG  
 CC 0°C/ 32°F 405 A  
 CC -17.8°C/ 0°F 324 A  
 RESERVE MINUTES @ 25A 163 MINUTES  
 CAPACITY 80 AH 20HR RATE  
 VOLTAGE: 12 V  
 OVERALL DIMENSIONS: 11 X 6 3/4 X 9 1/2"

REMOVABLE HANDLE  
 - SHOWN IN SIDE VIEW ONLY



**Rolls**

BATTERY ENGINEERING  
 SALEM, MASS

TITLE: **24HT80**

DESCRIPTION: 12V 400/4000 HEAVY DUTY

CONTACT INFO:  
 WEB: WWW.ROLLSBATTERY.COM  
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SCALE: 1" = 4" 8.5" X 11" JPEG: NOT TO SCALE

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

DATE: 23-JUL-03 REVISION 1

DRAWING NO.: DWG 051, 24HT80