



# HEAVY DUTY DEEP CYCLE SERIES 4000

## BATTERY TYPE

VOLTS 12

27 HT 90

## 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

9

## 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	405
MCA	32°F / 0°C	506

## RESERVE

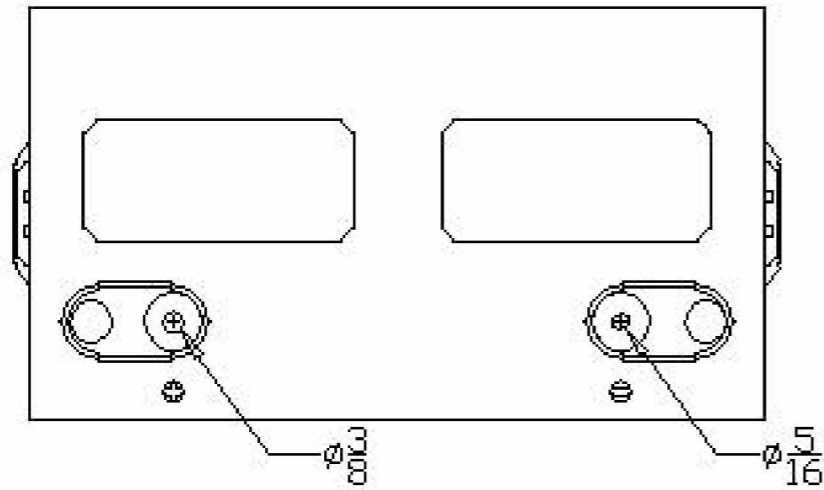
MINUTES AT 25A 183

## CAPACITY

20 HR RATE 90

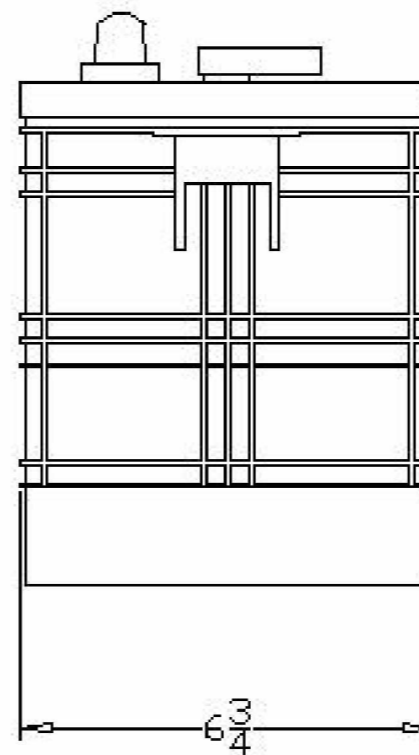
CAP / AH CURRENT / AMPS

<b>CAPACITY AT THE 20 HOUR RATE</b>	<b>1.265 SP. GR.</b>	<b>90</b>	<b>4.5</b>
CAPACITY AT THE 15 HOUR RATE	1.265 SP. GR.	85	5.6
CAPACITY AT THE 12 HOUR RATE	1.265 SP. GR.	80	6.7
CAPACITY AT THE 10 HOUR RATE	1.265 SP. GR.	77	7.7
CAPACITY AT THE 8 HOUR RATE	1.265 SP. GR.	72	9.0
CAPACITY AT THE 6 HOUR RATE	1.265 SP. GR.	67	11.1
CAPACITY AT THE 5 HOUR RATE	1.265 SP. GR.	63	13
CAPACITY AT THE 4 HOUR RATE	1.265 SP. GR.	59	15
CAPACITY AT THE 3 HOUR RATE	1.265 SP. GR.	53	18
CAPACITY AT THE 2 HOUR RATE	1.265 SP. GR.	46	23
CAPACITY AT THE 1 HOUR RATE	1.265 SP. GR.	32	32



PART NUMBER: 27HT90  
 WEIGHT WET: 62 LB / 28 KG  
 WEIGHT DRY: 46 LB / 21 KG  
 CC 0°C/ 32°F: 506 A  
 CC -17.8°C/ 0°F: 405 A  
 RESERVE MINUTES @ 25A: 183 MINUTES  
 CAPACITY: 90 AH 20HR RATE  
 VOLTAGE: 12 V  
 OVERALL DIMENSIONS: 12 3/4 X 6 3/4 X 9 1/2"

REMOVABLE HANDLE - SHOWN IN SIDE VIEW ONLY



BATTERY ENGINEERING SALEM, MASS

TITLE: 27HT90

DESCRIPTION: 12V 4000 DEEP CYCLE

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

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

DATE: 27-FEB-03 REVISION 1

DRAWING NO.: DWG 049, 27HT90