



DEEP CYCLE
SERIES: 4000
MODEL: 27 HT 90

BATTERY ENGINEERING
WWW.ROLLSBATTERY.COM MADE IN CANADA

BATTERY TYPE: 12 VOLTS

DIMENSIONS:

LENGTH	324 MM	12 3/4 INCHES
WIDTH	168 MM	6 5/8 INCHES
HEIGHT	235 MM	9 1/4 INCHES

WEIGHTS:

WEIGHT DRY	21 KG	46 LBS.
WEIGHT WET	28 KG	62 LBS.

CONTAINER CONSTRUCTION:

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

PLATES:

POSITIVE PLATE DIMENSION:

HEIGHT	127 MM	5.000 INCHES
WIDTH	143 MM	5.625 INCHES
THICKNESS	3.18 MM	0.125 INCHES

CELLS: 6

PLATES/CELL: 9

NEGATIVE PLATE DIMENSION:

HEIGHT	127 MM	5.000 INCHES
WIDTH	143 MM	5.625 INCHES
THICKNESS	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	405
MARINE (MCA)	32°F / 0°C	506

ELECTROLYTE RESERVE:
ABOVE PLATES 38 MM 1.5 INCHES

RESERVE CAPACITY:
RC @ 25A 99 MINUTES

20 HR RATE: 90

	HOUR RATE	SPECIFIC GRAVITY	CAP / AH	CURRENT / AMPS
CAPACITY @	100 HOUR RATE	1.280 SP. GR.	120	1.20
CAPACITY @	72 HOUR RATE	1.280 SP. GR.	113	1.58
CAPACITY @	50 HOUR RATE	1.280 SP. GR.	107	2.14
CAPACITY @	24 HOUR RATE	1.280 SP. GR.	93	3.9
CAPACITY @	20 HOUR RATE	1.280 SP. GR.	90	4.5
CAPACITY @	15 HOUR RATE	1.280 SP. GR.	85	5.6
CAPACITY @	12 HOUR RATE	1.280 SP. GR.	80	6.7
CAPACITY @	10 HOUR RATE	1.280 SP. GR.	77	7.7
CAPACITY @	8 HOUR RATE	1.280 SP. GR.	72	9.0
CAPACITY @	6 HOUR RATE	1.280 SP. GR.	67	11.1
CAPACITY @	5 HOUR RATE	1.280 SP. GR.	63	13
CAPACITY @	4 HOUR RATE	1.280 SP. GR.	59	15
CAPACITY @	3 HOUR RATE	1.280 SP. GR.	53	18
CAPACITY @	2 HOUR RATE	1.280 SP. GR.	46	23
CAPACITY @	1 HOUR RATE	1.280 SP. GR.	32	32

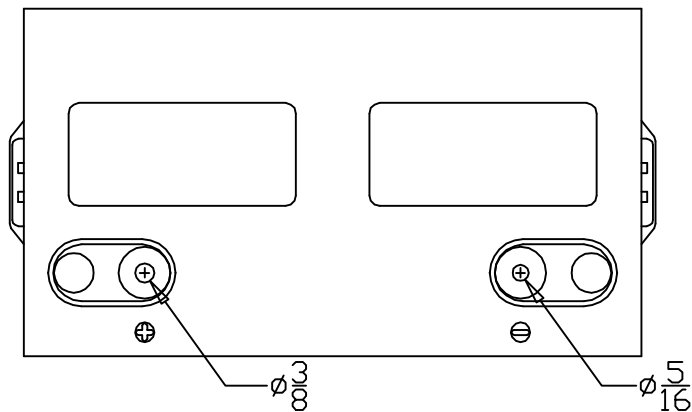


296 Labrosse Avenue, Pointe-Claire, QC, H9R 5L8, Canada
 Phone: (514) 630-5630 Fax: (514) 426-9123
 Toll Free: 1-866-630-5630 email: info@matrixenergy.ca
 For more information visit www.matrixenergy.ca

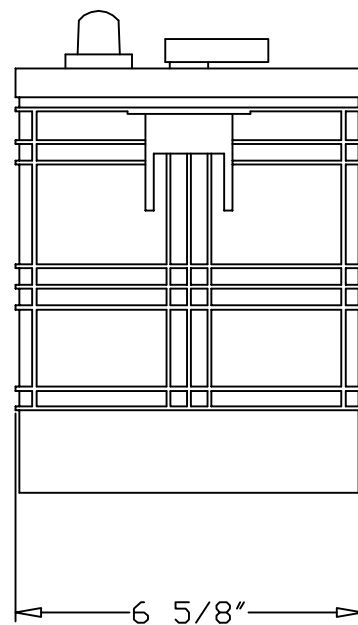
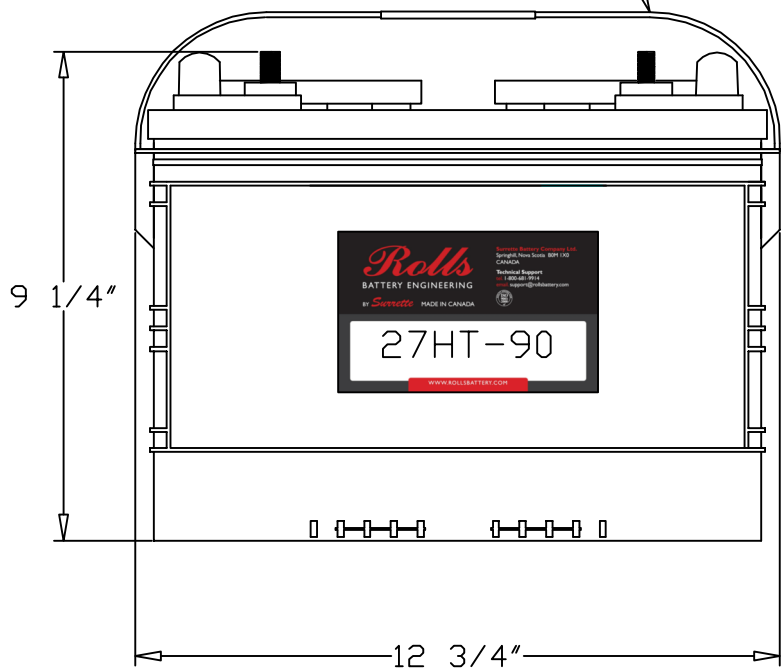




PART NUMBER: 27HT90
WEIGHT WET: 62 LB / 28 KG
WEIGHT DRY: 46 LB / 21 KG
CAPACITY: 90 AH 20HR RATE
VOLTAGE: 12 V
OVERALL DIMENSIONS: 12 $\frac{3}{4}$ " X 6 $\frac{5}{8}$ " X 9 $\frac{1}{4}$ "



REMOVABLE HANDLE -
SHOWN IN SIDE VIEW ONLY



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" JPEG:
8.5" X 11" NOT TO SCALE

DATE: JAN-2010 REVISION 2

DRAWING NO.: DWG 049, 27HT90