



DEEP CYCLE-MARINE SERIES 4000

BATTERY TYPE VOLTS 8 **8 HHG 31PM**

DIMENSIONS

LENGTH	686 MM	27	INCHES
WIDTH	203 MM	8	INCHES
HEIGHT	302 MM	11 7/8	INCHES

WEIGHT DRY	58 KG	128	LBS.
WEIGHT WET	76 KG	167	LBS.

CONTAINER CONSTRUCTION

INNER CONTAINER	POLYPROPYLENE
INNER COVER	POLYPROPYLENE - HEAT SEALED TO INNER CONTAINER
OUTER CONTAINER	HIGH DENSITY POLYETHYLENE
OUTER COVER	HIGH DENSITY POLYETHYLENE SNAP FIT TO OUTER CONTAINER
HANDLES	MOLDED

PLATES PER CELL 31

ELECTROLYTE RESERVE ABOVE PLATES 70 MM 2.75 INCHES

DESIGN CRITREA 7 YEAR WARRANTY 1300 CYCLES 10 YEAR LIFE

POSITIVE PLATE DIMENSION

HEIGHT	140 MM	5.500	INCHES
WIDTH	143 MM	5.625	INCHES
THICKNESS	3.81 MM	0.150	INCHES

NEGATIVE PLATE DIMENSION

HEIGHT	140 MM	5.500	INCHES
WIDTH	137 MM	5.375	INCHES
THICKNESS	2.49 MM	0.098	INCHES

SEPARATOR INSULATION SEPARATOR THICKNESS 0.020" GLASS MAT 0.081 INCH

TERMINALS FLAG WITH STAINLESS STEEL NUTS AND BOLTS

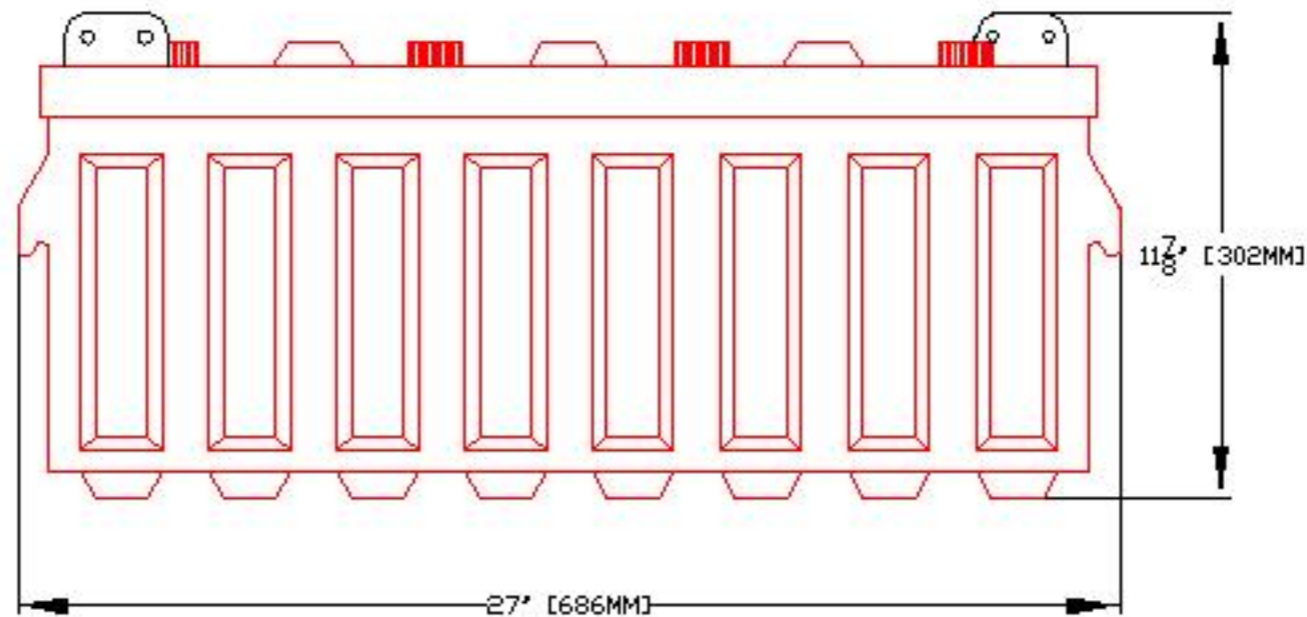
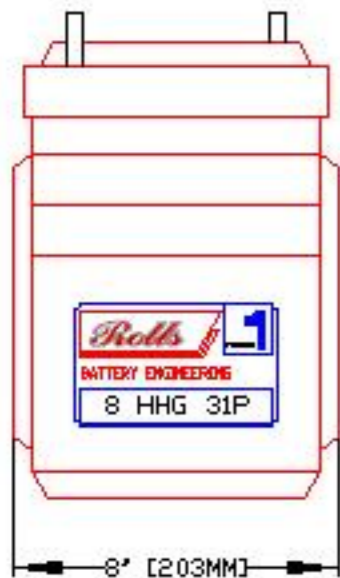
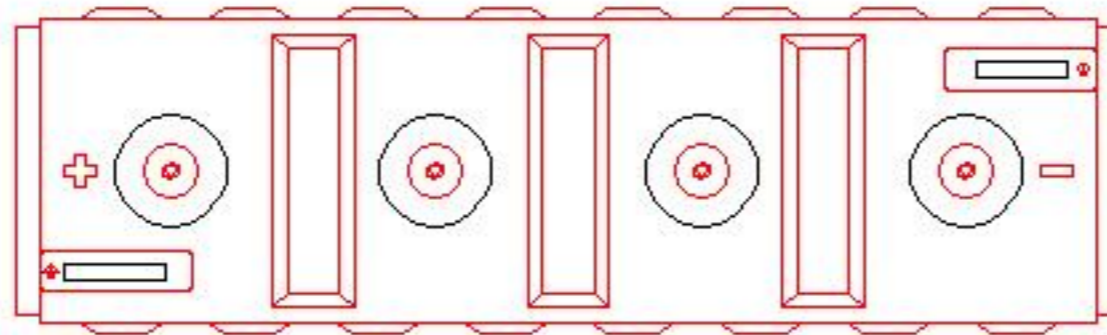
COLD CRANK	CCA	0°F / -17.8°C	1444	RESERVE MINUTES AT 25A	696
	MCA	32°F / 0°C	1805		

CAPACITY 20 HR RATE 344

		CAP / AH	CURRENT / AMPS
CAPACITY AT THE 20 HOUR RATE	1.265 SP. GR.	344	17.2
CAPACITY AT THE 15 HOUR RATE	1.265 SP. GR.	323	21.6
CAPACITY AT THE 12 HOUR RATE	1.265 SP. GR.	306	25.5
CAPACITY AT THE 10 HOUR RATE	1.265 SP. GR.	292	29.2
CAPACITY AT THE 8 HOUR RATE	1.265 SP. GR.	275	34.4
CAPACITY AT THE 6 HOUR RATE	1.265 SP. GR.	255	42.4
CAPACITY AT THE 5 HOUR RATE	1.265 SP. GR.	241	48
CAPACITY AT THE 4 HOUR RATE	1.265 SP. GR.	224	56
CAPACITY AT THE 3 HOUR RATE	1.265 SP. GR.	203	68
CAPACITY AT THE 2 HOUR RATE	1.265 SP. GR.	175	88
CAPACITY AT THE 1 HOUR RATE	1.265 SP. GR.	124	124



PART NUMBER: 8-HHG-31P
 WEIGHT WET: 167 LB / 76 KG
 WEIGHT DRY: 128 LB / 58 KG
 CAPACITY: 344 AH 20 HR
 CCA @ 0°F / -17.8 °C: 1,445 A
 CCA @ 32°F / 0 °C: 1,806 A
 VOLTAGE: 8 V
 OVERALL DIMENSIONS: 27x 8x 11 7/8"
 MAX HEIGHT WITH OPTIONAL HYDROCAPS: 12.38" / 316 MM



Rolls

BATTERY ENGINEERING
SALEM, MASS

TITLE:
8HHG31P

DESCRIPTION:
8V DEEP CYCLE 400/4000 SERIES

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

SCALE: 1" = 6" 1" = 4" JPEG
8.5" X 11" 11" X 17" NOT TO SCALE

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

DATE: 20-Feb-01 REVISION 1.1

DRAWING NO: DWG 011, BD8HHG31P