



DEEP CYCLE-MARINE SERIES 4000

BATTERY TYPE

VOLTS 8

8 HHG 21PM

DIMENSIONS

LENGTH	540 MM	21 1/4	INCHES
WIDTH	187 MM	7 3/8	INCHES
HEIGHT	283 MM	11 1/8	INCHES

WEIGHT DRY

41 KG 90 LBS.

WEIGHT WET

54 KG 118 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	ROPE

PLATES PER CELL

21

ELECTROLYTE RESERVE ABOVE PLATES

60 MM 2.375 INCHES

DESIGN CRITREA

7 YEAR WARRANTY 1300CYCLES 10 YEAR LIFE

POSITIVE PLATE DIMENSION

HEIGHT	162 MM	6.375	INCHES
WIDTH	143 MM	5.625	INCHES
THICKNESS	3.81 MM	0.150	INCHES

NEGATIVE PLATE DIMENSION

HEIGHT	162 MM	6.375	INCHES
WIDTH	143 MM	5.625	INCHES
THICKNESS	2.49 MM	0.098	INCHES

SEPARATOR

SEPARATOR THICKNESS 0.081 INCH

INSULATION

0.020" GLASS MAT

TERMINALS

FLAG WITH STAINLESS STEEL NUTS AND BOLTS

COLD CRANK

CCA	0°F / -17.8°C	963
MCA	32°F / 0°C	1204

RESERV

MINUTES AT 25A 464

CAPACITY

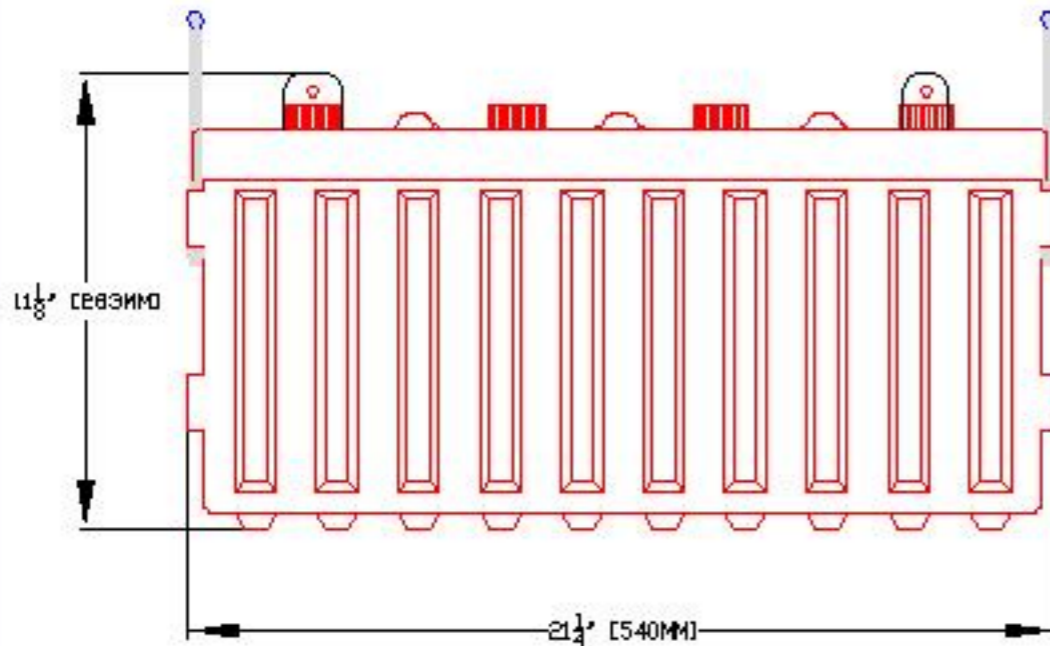
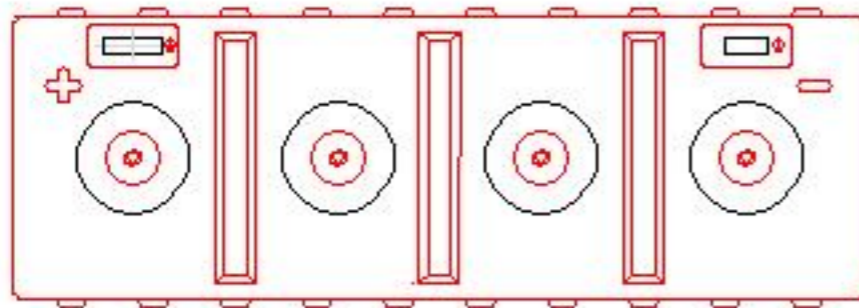
20 HR RATE 230

CAP / AH CURRENT / AMPS

CAPACITY AT THE 20 HOUR RATE	1.265 SP. GR.	230	11.5
CAPACITY AT THE 15 HOUR RATE	1.265 SP. GR.	216	14.4
CAPACITY AT THE 12 HOUR RATE	1.265 SP. GR.	205	17.1
CAPACITY AT THE 10 HOUR RATE	1.265 SP. GR.	196	19.6
CAPACITY AT THE 8 HOUR RATE	1.265 SP. GR.	184	23.0
CAPACITY AT THE 6 HOUR RATE	1.265 SP. GR.	170	28.4
CAPACITY AT THE 5 HOUR RATE	1.265 SP. GR.	161	32
CAPACITY AT THE 4 HOUR RATE	1.265 SP. GR.	150	37
CAPACITY AT THE 3 HOUR RATE	1.265 SP. GR.	136	45
CAPACITY AT THE 2 HOUR RATE	1.265 SP. GR.	117	59
CAPACITY AT THE 1 HOUR RATE	1.265 SP. GR.	83	83



PART NUMBER: 8-HHG-21P
 WEIGHT WET: 118 LB / 54 KG
 WEIGHT DRY: 90 LB / 41 KG
 CAPACITY: 230 AH 20 HR
 CCA @ 0°F / -17.8 °C: 963 A
 CCA @ 32°F / 0 °C: 1204 A
 VOLTAGE: 8 V
 OVERALL DIMENSIONS: 21 1/4 x 7 3/8 x 11 1/8"
 MAX HEIGHT WITH OPTIONAL HYDROCAPS: 11.67" / 296 MM



Rolls

BATTERY ENGINEERING SALEM, MASS

TITLE: 8HHG21P

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
 B5" 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 008, BD8HHG21P