

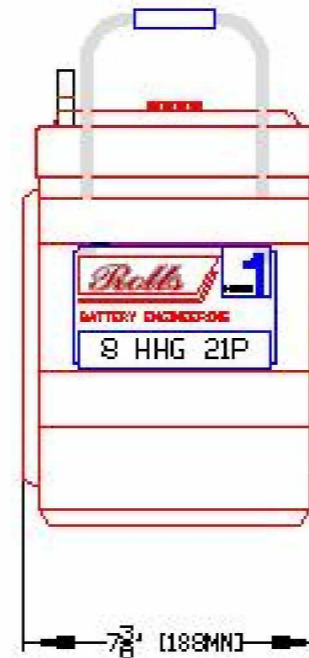
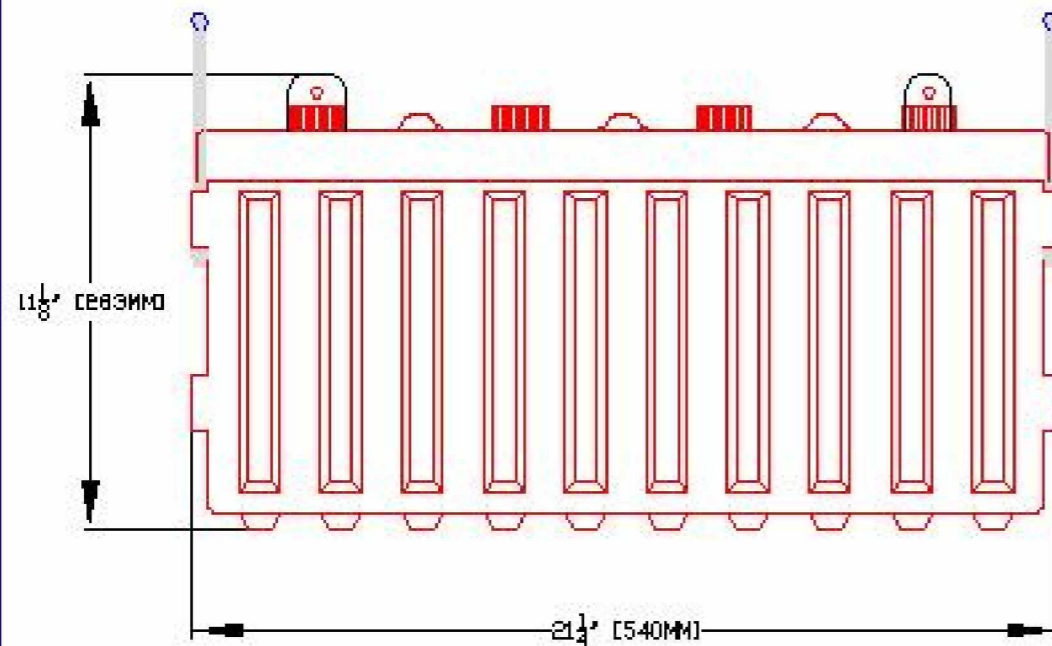
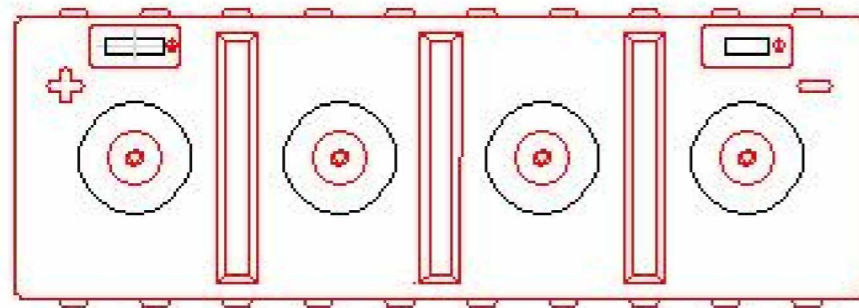


# HEAVY DUTY DEEP CYCLE SERIES 4000

<b>BATTERY TYPE</b>	<b>VOLTS</b>	<b>8</b>	<b>8 HHG 21P</b>
<b>DIMENSIONS</b>			
LENGTH	540 MM	21 1/4	INCHES
WIDTH	187 MM	7 3/8	INCHES
HEIGHT	283 MM	11 1/8	INCHES
<b>WEIGHT DRY</b>	41 KG	90	LBS.
<b>WEIGHT WET</b>	54 KG	118	LBS.
<b>CONTAINER CONSTRUCTION</b>			
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		
<b>PLATES PER CELL</b>	21		
<b>ELECTROLYTE RESERVE</b>	ABOVE PLATES	60 MM	2.375 INCHES
<b>DESIGN CRITERIA</b>	7 YEAR WARRANTY	1300CYCLES	10 YEAR LIFE
<b>POSITIVE PLATE DIMENSION</b>			
HEIGHT	162 MM	6.375	INCHES
WIDTH	143 MM	5.625	INCHES
THICKNESS	3.81 MM	0.150	INCHES
<b>NEGATIVE PLATE DIMENSION</b>			
HEIGHT	162 MM	6.375	INCHES
WIDTH	143 MM	5.625	INCHES
THICKNESS	2.49 MM	0.098	INCHES
<b>SEPARATOR</b>	SEPARATOR THICKNESS	0.081 INCH	
<b>INSULATION</b>	0.020" GLASS MAT		
<b>TERMINALS</b>	FLAG WITH STAINLESS STEEL NUTS AND BOLTS		
<b>COLD CRANK</b>	CCA	0°F / -17.8°C	963
	MCA	32°F / 0°C	1204
	<b>RESERVE</b>		464
	<b>MINUTES AT 25A</b>		
<b>CAPACITY</b>	20 HR RATE	230	
			CAP / AH CURRENT / AMPS
<b>CAPACITY AT THE 20 HOUR RATE</b>	<b>1.265 SP. GR.</b>	<b>230</b>	<b>11.5</b>
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 SALEN, 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  
 8 1/2" 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 006, BD8HHG21P