

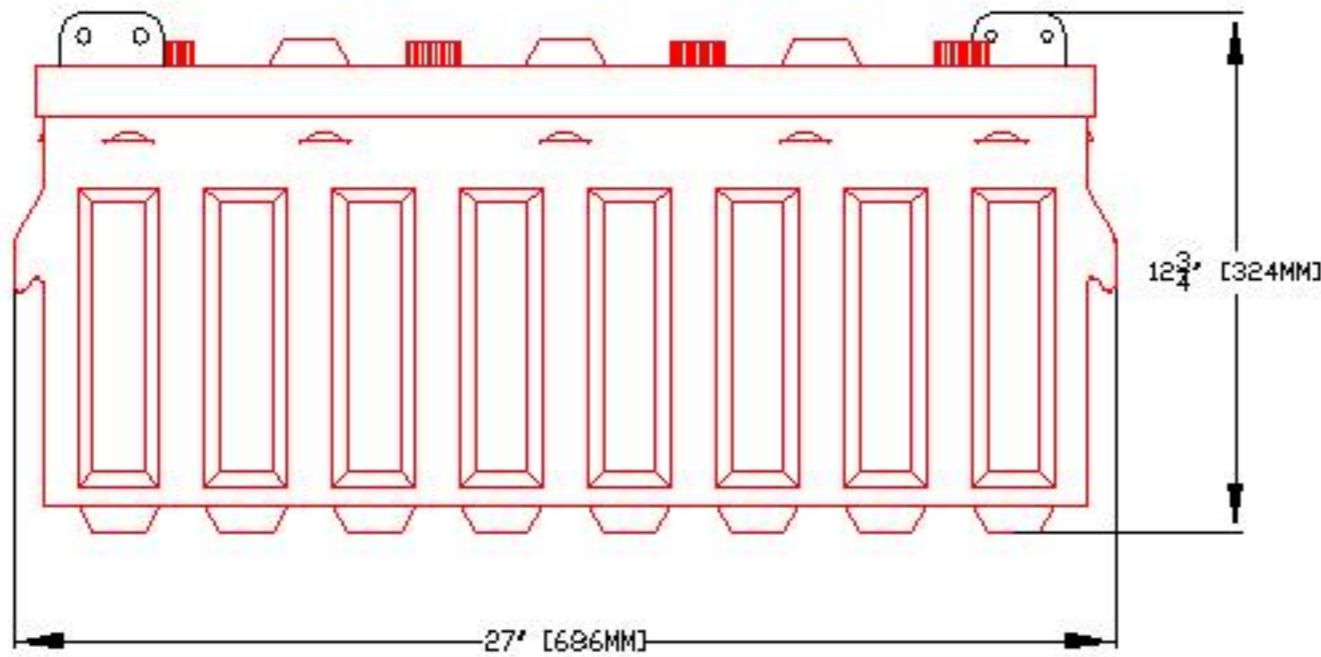
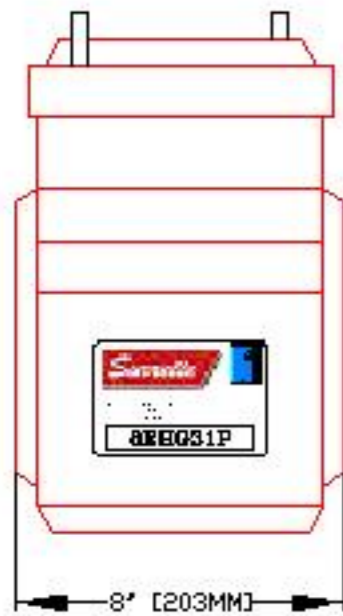
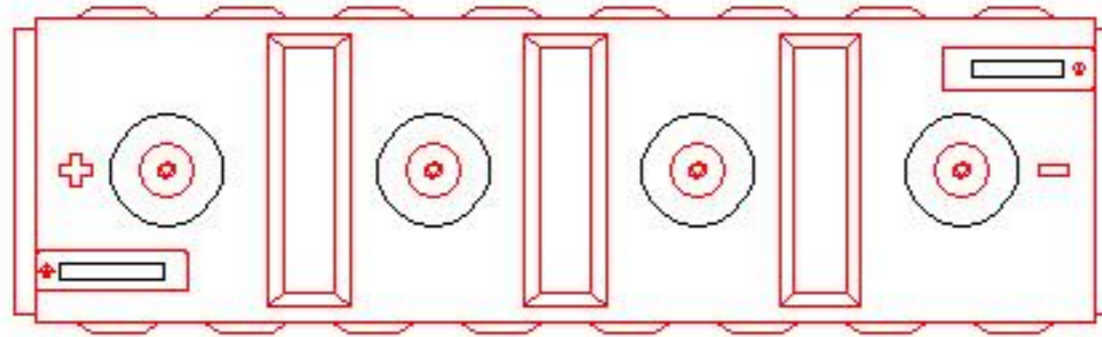


# DEEP CYCLE-SOLAR SERIES 4000

<b>BATTERY TYPE</b>	<b>VOLTS</b>	<b>8</b>	<b>8 EHG 31PS</b>
<b>DIMENSIONS</b>			
LENGTH	527 MM	20 3/4	INCHES
WIDTH	203 MM	8	INCHES
HEIGHT	302 MM	11 7/8	INCHES
<b>WEIGHT DRY</b>	44 KG	96	LBS.
<b>WEIGHT WET</b>	57 KG	125	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	MOLDED		
<b>PLATES PER CELL</b>	31		
<b>ELECTROLYTE RESERVE</b>	ABOVE PLATES	44 MM	1.75 INCHES
<b>DESIGN CRITREA</b>	7 YEAR WARRANTY	1300 CYCLES	8-10 YEAR LIFE
<b>POSITIVE PLATE DIMENSION</b>			
HEIGHT	162 MM	6.375	INCHES
WIDTH	143 MM	5.625	INCHES
THICKNESS	3.56 MM	0.140	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 INSULATION</b>	SEPARATOR THICKNESS .020" GLASS MAT	0.065 INCH	
<b>TERMINALS</b>	FLAG WITH STAINLESS STEEL NUTS AND BOLTS		
<b>COLD CRANK</b>	CCA 0°F / -17.8°C	1721	<b>RESERVE</b>
	MCA 32°F / 0°C	2151	<b>MINUTES AT 25A</b>
			830
<b>CAPACITY</b>	20 HR RATE	410	
		CAP / AH	CURRENT / AMPS
CAPACITY AT THE 100 HOUR RATE	1.265 SP. GR.	545	5.45
CAPACITY AT THE 72 HOUR RATE	1.265 SP. GR.	517	7.18
CAPACITY AT THE 50 HOUR RATE	1.265 SP. GR.	488	9.76
CAPACITY AT THE 24 HOUR RATE	1.265 SP. GR.	422	17.6
<b>CAPACITY AT THE 20 HOUR RATE</b>	<b>1.265 SP. GR.</b>	<b>410</b>	<b>20.5</b>
CAPACITY AT THE 15 HOUR RATE	1.265 SP. GR.	385	25.7
CAPACITY AT THE 12 HOUR RATE	1.265 SP. GR.	365	30.4
CAPACITY AT THE 10 HOUR RATE	1.265 SP. GR.	349	34.9
CAPACITY AT THE 8 HOUR RATE	1.265 SP. GR.	328	41.0
CAPACITY AT THE 6 HOUR RATE	1.265 SP. GR.	303	50.6
CAPACITY AT THE 5 HOUR RATE	1.265 SP. GR.	287	57
CAPACITY AT THE 4 HOUR RATE	1.265 SP. GR.	267	67
CAPACITY AT THE 3 HOUR RATE	1.265 SP. GR.	242	81
CAPACITY AT THE 2 HOUR RATE	1.265 SP. GR.	209	105
CAPACITY AT THE 1 HOUR RATE	1.265 SP. GR.	148	148



PART NUMBER: 8-EHG-31P  
 WEIGHT WET: 178 LB / 81 KG  
 WEIGHT DRY: 138 LB / 63 KG  
 CAPACITY: 410 AH 20 HR  
 CCA @ 0°F / -17.8 °C: 1,891 A  
 CCA @ 32°F / 0 °C: 2,364 A  
 VOLTAGE: 8 V  
 OVERALL DIMENSIONS: 27x 8x 12 3/4"  
 MAX HEIGHT WITH OPTIONAL HYDROCAPS: 13.31" / 338 MM



BATTERY COMPANY LIMITED  
 SPRING HILL / NOVA SCOTIA / CANADA  
 PRODUCT OF CANADA

TITLE:  
8EHG31P

DESCRIPTION:  
8V DEEP CYCLE 400/4000 SERIES

CONTACT INFO:  
 WEB: WWW.SURRETTE.COM  
 E-MAIL: SALES@SURRETTE.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 012, BD8EHG31P