



FLOODED DEEP CYCLE BATTERIES

# 8 EHG 31P

8 VOLTS



CONTAINER: (INNER)	Polypropylene
COVER: (INNER)	Polypropylene - heat sealed to inner container
CONTAINER: (OUTER)	High Density Polyethylene
COVER: (OUTER)	High Density Polyethylene snap fit to outer container
TERMINALS:	Flag with stainless steel nuts & bolts
HANDLES:	Molded

WEIGHT DRY:	63 kg	138 Lbs.
WEIGHT WET:	81 kg	178 Lbs.
LENGTH:	686 mm	27 Inches
WIDTH:	203 mm	8 Inches
HEIGHT:	324 mm	12 3/4 Inches

PLATE HEIGHT:	162 mm	6.375 Inches
PLATE WIDTH:	143 mm	5.625 Inches
THICKNESS (POSITIVE):	3.81 mm	0.150 Inches
THICKNESS (NEGATIVE):	2.49 mm	0.098 Inches



CELLS:	31 Plates/Cell	4 Cell
SEPARATOR THICKNESS:	2 mm	0.065 Inches
GLASS MAT INSULATION:	1 mm	0.02 Inches
ELECTROLYTE RESERVE: ABOVE PLATES	44 mm	1.75 Inches

COLD CRANK AMPS (CCA):	0°F / -17.8°C	1721
MARINE CRANK AMPS (MCA):	32°F / 0°C	2151
RESERVE CAPACITY (RC @ 25A):		934 Minutes

## CAPACITY **410 AH**

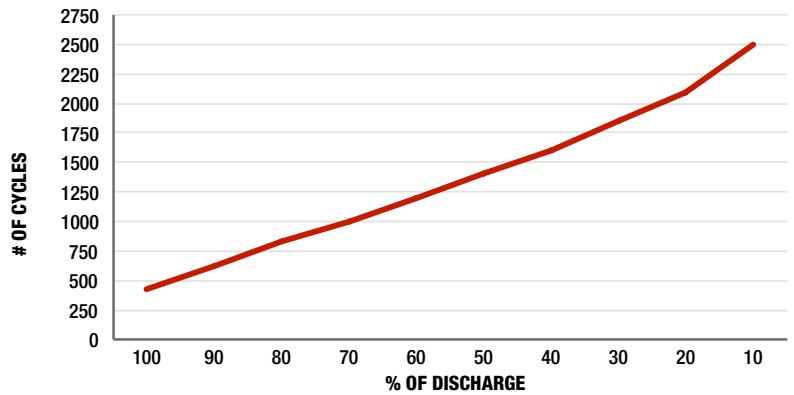
HOURLY RATE:	SPECIFIC GRAVITY	CAPACITY / AMP HOUR	CURRENT / AMPS
@ 100 HOUR RATE	1.280	545	5.45
@ 72 HOUR RATE	1.280	517	7.18
@ 50 HOUR RATE	1.280	488	9.76
@ 24 HOUR RATE	1.280	422	17.60
<b>@ 20 HOUR RATE</b>	<b>1.280</b>	<b>410</b>	<b>20.50</b>
@ 15 HOUR RATE	1.280	385	25.69
@ 12 HOUR RATE	1.280	365	30.41
@ 10 HOUR RATE	1.280	349	34.85
@ 8 HOUR RATE	1.280	328	41.00
@ 6 HOUR RATE	1.280	303	50.57
@ 5 HOUR RATE	1.280	287	57.40
@ 4 HOUR RATE	1.280	267	66.63
@ 3 HOUR RATE	1.280	242	80.63
@ 2 HOUR RATE	1.280	209	104.55
@ 1 HOUR RATE	1.280	148	147.60

Amphère Hour capacity ratings based on specific gravities of 1.280. Reduce capacities 5% for 1.265 specific gravity and 10% for specific gravities of 1.250

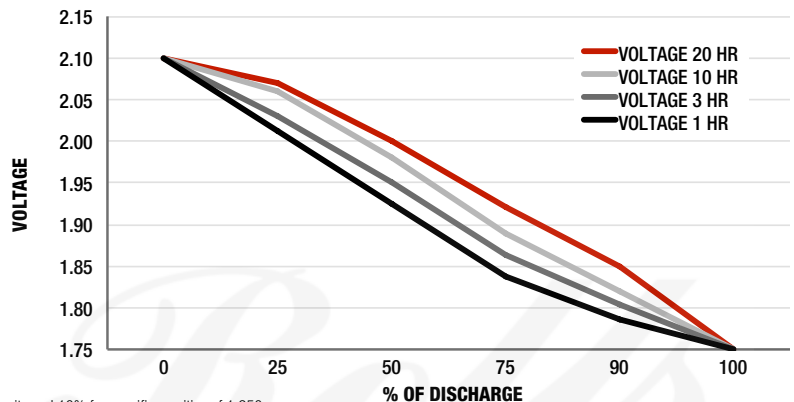
WWW.ROLLSBATTERY.COM

SPEC 01

### CYCLE LIFE VS. DEPTH OF DISCHARGE



### VOLTAGE VS. DEPTH OF DISCHARGE



SURRETTE BATTERY COMPANY 1 STATION RD SPRINGHILL, NS CANADA B0M 1X0

12/1/2013 REV. 1



PART NUMBER: 8-EHG-31P

WEIGHT WET: 178 LB / 81 KG

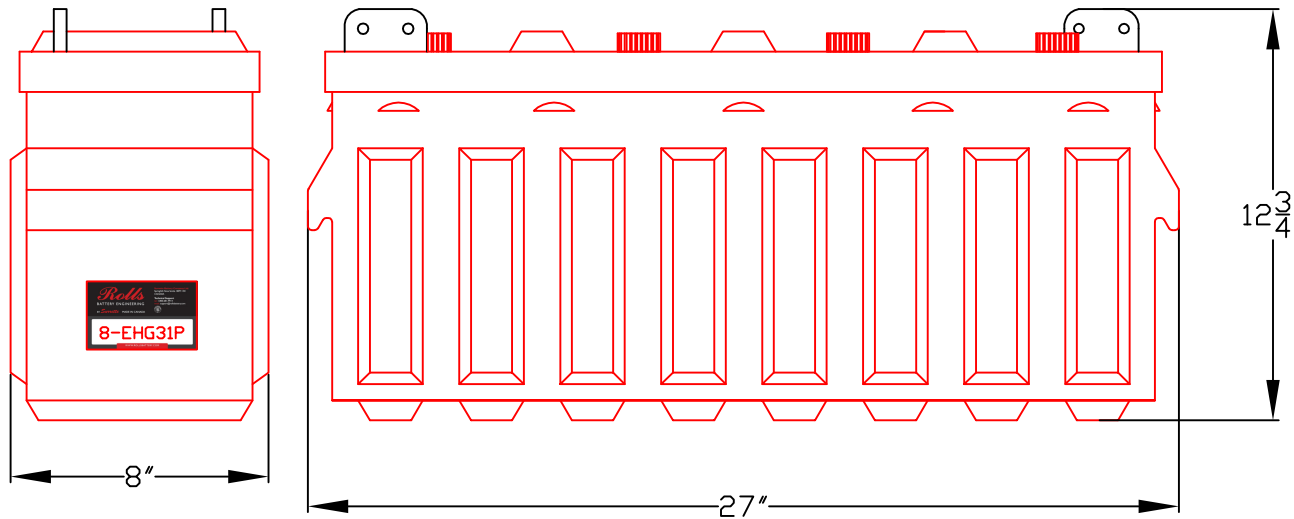
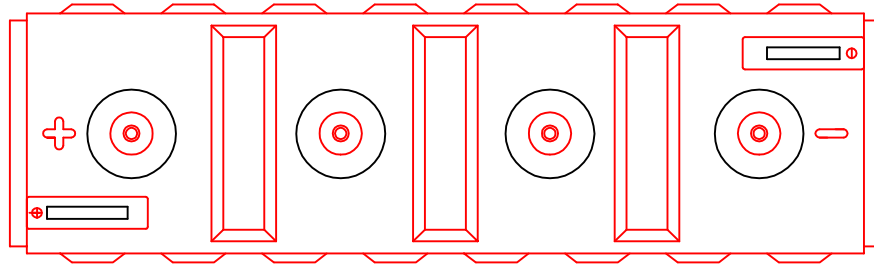
WEIGHT DRY: 138 LB / 63 KG

CAPACITY: 410 AH 20 HR

VOLTAGE: 8 V

OVERALL DIMENSIONS: 27" x 8" x 12<sup>3</sup>/<sub>4</sub>"


 MAX HEIGHT WITH OPTIONAL HYDROCAPS: 13.31" / 338 MM



TITLE: 8EHG31P

DESCRIPTION: 8V DEEP CYCLE 4000 SERIES

CONTACT INFO:

WEB: [WWW.ROLLSBATTERY.COM](http://WWW.ROLLSBATTERY.COM)  
 E-MAIL: [SALES@ROLLSBATTERY.COM](mailto:SALES@ROLLSBATTERY.COM)  
 PHONE: 1-800-681-9914

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

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

DATE: JAN-2010 REVISION 2.0

DRAWING NO.: DWG 012, BD8EHG31P