

Rolls

FLOODED DEEP CYCLE BATTERIES

8 HHG 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:	58 kg	128 Lbs.
WEIGHT WET:	76 kg	167 Lbs.
LENGTH:	686 mm	27 Inches
WIDTH:	203 mm	8 Inches
HEIGHT:	302 mm	11 7/8 Inches

PLATE HEIGHT:	140 mm	5.500 Inches
PLATE WIDTH:	143 mm	5.625 Inches
THICKNESS (POSITIVE):	3.81 mm	0.150 Inches
THICKNESS (NEGATIVE):	2.49 mm	0.098 Inches



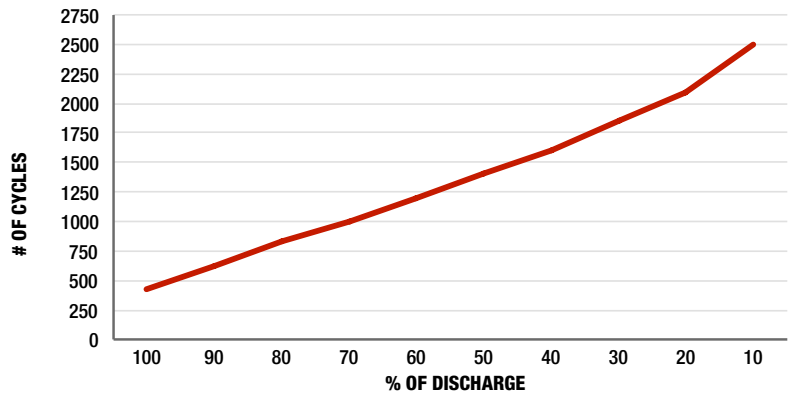
CELLS:	31 Plates/Cell	4 Cell
SEPARATOR THICKNESS:	2 mm	0.081 Inches
GLASS MAT INSULATION:	1 mm	0.02 Inches
ELECTROLYTE RESERVE: ABOVE PLATES	70 mm	2.75 Inches

COLD CRANK AMPS (CCA):	0°F / -17.8°C	1445
MARINE CRANK AMPS (MCA):	32°F / 0°C	1806
RESERVE CAPACITY (RC @ 25A):		696 Minutes

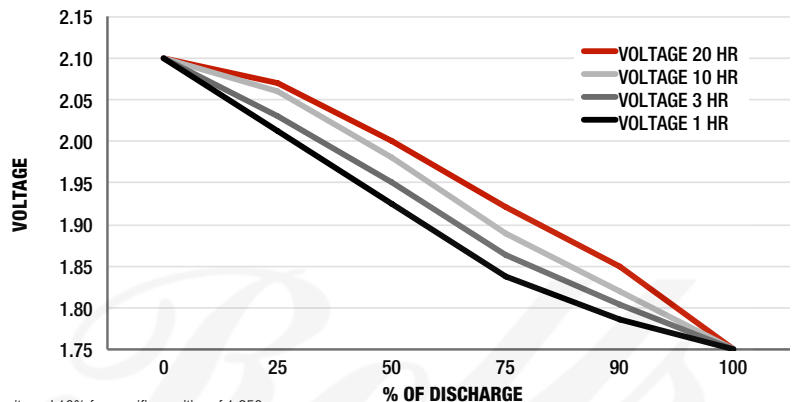
CAPACITY **344 AH**

HOURLY RATE:	SPECIFIC GRAVITY	CAPACITY / AMP HOUR	CURRENT / AMPS
@ 100 HOUR RATE	1.280	458	4.58
@ 72 HOUR RATE	1.280	433	6.02
@ 50 HOUR RATE	1.280	409	8.19
@ 24 HOUR RATE	1.280	354	14.76
@ 20 HOUR RATE	1.280	344	17.20
@ 15 HOUR RATE	1.280	323	21.56
@ 12 HOUR RATE	1.280	306	25.51
@ 10 HOUR RATE	1.280	292	29.24
@ 8 HOUR RATE	1.280	275	34.40
@ 6 HOUR RATE	1.280	255	42.43
@ 5 HOUR RATE	1.280	241	48.16
@ 4 HOUR RATE	1.280	224	55.90
@ 3 HOUR RATE	1.280	203	67.65
@ 2 HOUR RATE	1.280	175	87.72
@ 1 HOUR RATE	1.280	124	123.84

CYCLE LIFE VS. DEPTH OF DISCHARGE



VOLTAGE VS. DEPTH OF DISCHARGE



Amphere 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



SAI GLOBAL

Registered
ISO 9001:2008

PART NUMBER: 8-HHG-31P


WEIGHT WET: 167 LB / 76 KG

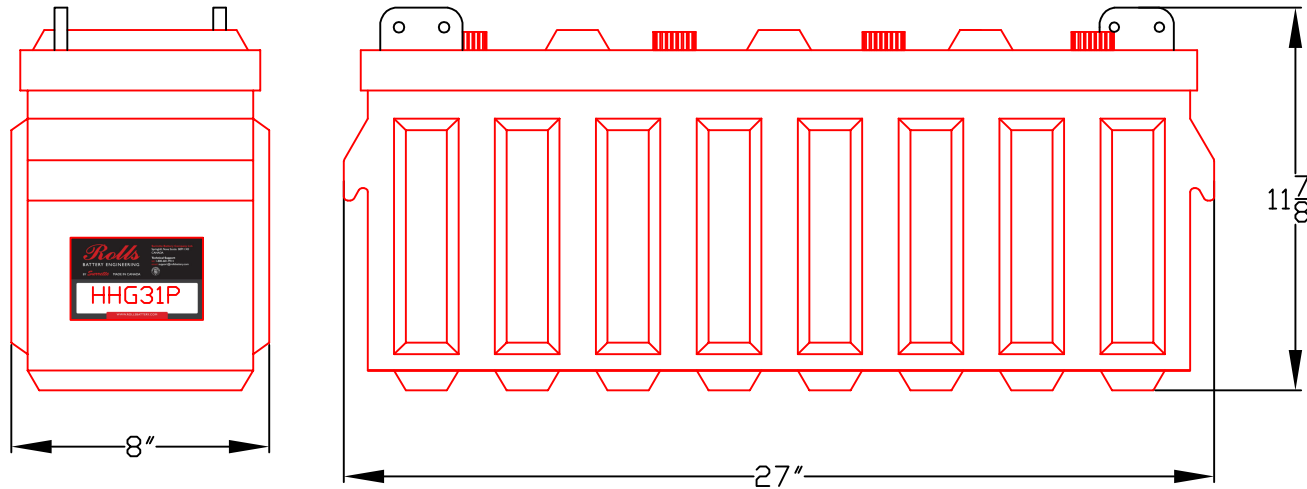
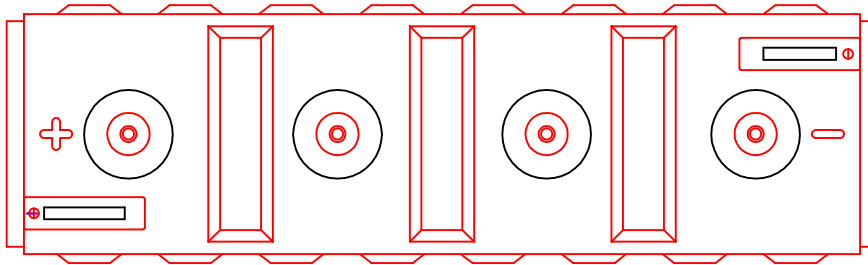
WEIGHT DRY: 128 LB / 58 KG

CAPACITY: 344 AH 20 HR

VOLTAGE: 8 V

OVERALL DIMENSIONS: 27"x 8"x 11⁷/₈"

 MAX HEIGHT WITH OPTIONAL HYDROCAPS 12.38" / 316 MM



Rolls
BATTERY ENGINEERING

TITLE:

8HHG31P

DESCRIPTION:

8V DEEP CYCLE 4000 SERIES

CONTACT INFO:

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

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

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

DATE: JAN-2010 REVISION 2.0

DRAWING NO.: DWG 011, BD8HHG31P