



## **DEEP CYCLE-SOLAR SERIES 4000**

|                                     |                      |                            |                |
|-------------------------------------|----------------------|----------------------------|----------------|
| <b>BATTERY TYPE</b>                 | <b>VOLTS</b>         | <b>6</b>                   | <b>S-460</b>   |
| <b>DIMENSIONS</b>                   |                      |                            |                |
| LENGTH                              |                      | 318 MM                     | 12 1/2 INCHES  |
| WIDTH                               |                      | 181 MM                     | 7 1/8 INCHES   |
| HEIGHT                              |                      | 425 MM                     | 16 3/4 INCHES  |
| <b>WEIGHT DRY</b>                   |                      | 35 KG                      | 82 LBS.        |
| <b>WEIGHT WET</b>                   |                      | 52 KG                      | 115 LBS.       |
| <b>CONTAINER CONSTRUCTION</b>       |                      |                            |                |
| CONTAINER                           |                      | HIGH DENSITY POLYPROPYLENE |                |
| COVER                               |                      | HIGH DENSITY POLYPROPYLENE |                |
| HANDLES                             |                      | ROPE                       |                |
| <b>PLATES PER CELL</b>              |                      | 15                         |                |
| <b>ELECTROLYTE RESERVE</b>          | ABOVE PLATES         | 57 MM                      | 2.25 INCHES    |
| <b>DESIGN CRITREA</b>               | 7 YEAR WARRANTY      | 1300 CYCLES                | 10 YEAR LIFE   |
| <b>POSITIVE PLATE DIMENSION</b>     |                      |                            |                |
| HEIGHT                              |                      | 273 MM                     | 10.750 INCHES  |
| WIDTH                               |                      | 143 MM                     | 5.625 INCHES   |
| THICKNESS                           |                      | 4.32 MM                    | 0.170 INCHES   |
| <b>NEGATIVE PLATE DIMENSION</b>     |                      |                            |                |
| HEIGHT                              |                      | 273 MM                     | 10.750 INCHES  |
| WIDTH                               |                      | 143 MM                     | 5.625 INCHES   |
| THICKNESS                           |                      | 3.05 MM                    | 0.120 INCHES   |
| <b>SEPARATOR INSULATION</b>         | SEPARATOR THICKNESS  | 0.061 INCH                 |                |
|                                     | 0.020" GLASS MAT     |                            |                |
| <b>TERMINALS</b>                    | FLAG TERMINAL        |                            |                |
| <b>COLD CRANK</b>                   | CCA                  | 0°F / -17.8°C              | 1066           |
|                                     | MCA                  | 32°F / 0°C                 | 1333           |
|                                     |                      | <b>RESERVE</b>             | 761            |
|                                     |                      | <b>MINUTES AT 25A</b>      |                |
| <b>CAPACITY</b>                     | 20 HR RATE           | 350                        |                |
|                                     |                      | CAP / AH                   | CURRENT / AMPS |
| CAPACITY AT THE 100 HOUR RATE       | 1.265 SP. GR.        | 460                        | 4.60           |
| CAPACITY AT THE 72 HOUR RATE        | 1.265 SP. GR.        | 441                        | 6.13           |
| CAPACITY AT THE 50 HOUR RATE        | 1.265 SP. GR.        | 417                        | 8.33           |
| CAPACITY AT THE 24 HOUR RATE        | 1.265 SP. GR.        | 361                        | 15.0           |
| <b>CAPACITY AT THE 20 HOUR RATE</b> | <b>1.265 SP. GR.</b> | <b>350</b>                 | <b>17.5</b>    |
| CAPACITY AT THE 15 HOUR RATE        | 1.265 SP. GR.        | 329                        | 21.9           |
| CAPACITY AT THE 12 HOUR RATE        | 1.265 SP. GR.        | 312                        | 26.0           |
| CAPACITY AT THE 10 HOUR RATE        | 1.265 SP. GR.        | 298                        | 29.8           |
| CAPACITY AT THE 8 HOUR RATE         | 1.265 SP. GR.        | 280                        | 35.0           |
| CAPACITY AT THE 6 HOUR RATE         | 1.265 SP. GR.        | 259                        | 43.2           |
| CAPACITY AT THE 5 HOUR RATE         | 1.265 SP. GR.        | 245                        | 49             |
| CAPACITY AT THE 4 HOUR RATE         | 1.265 SP. GR.        | 228                        | 57             |
| CAPACITY AT THE 3 HOUR RATE         | 1.265 SP. GR.        | 207                        | 69             |
| CAPACITY AT THE 2 HOUR RATE         | 1.265 SP. GR.        | 179                        | 89             |
| CAPACITY AT THE 1 HOUR RATE         | 1.265 SP. GR.        | 126                        | 126            |



**CONTACT INFO**

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 Web: www.heshomeenergy.com

PART NUMBER: S460

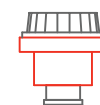
WEIGHT WET: 117 LB / 53 KG

WET DRY: 90 LB / 41 KG

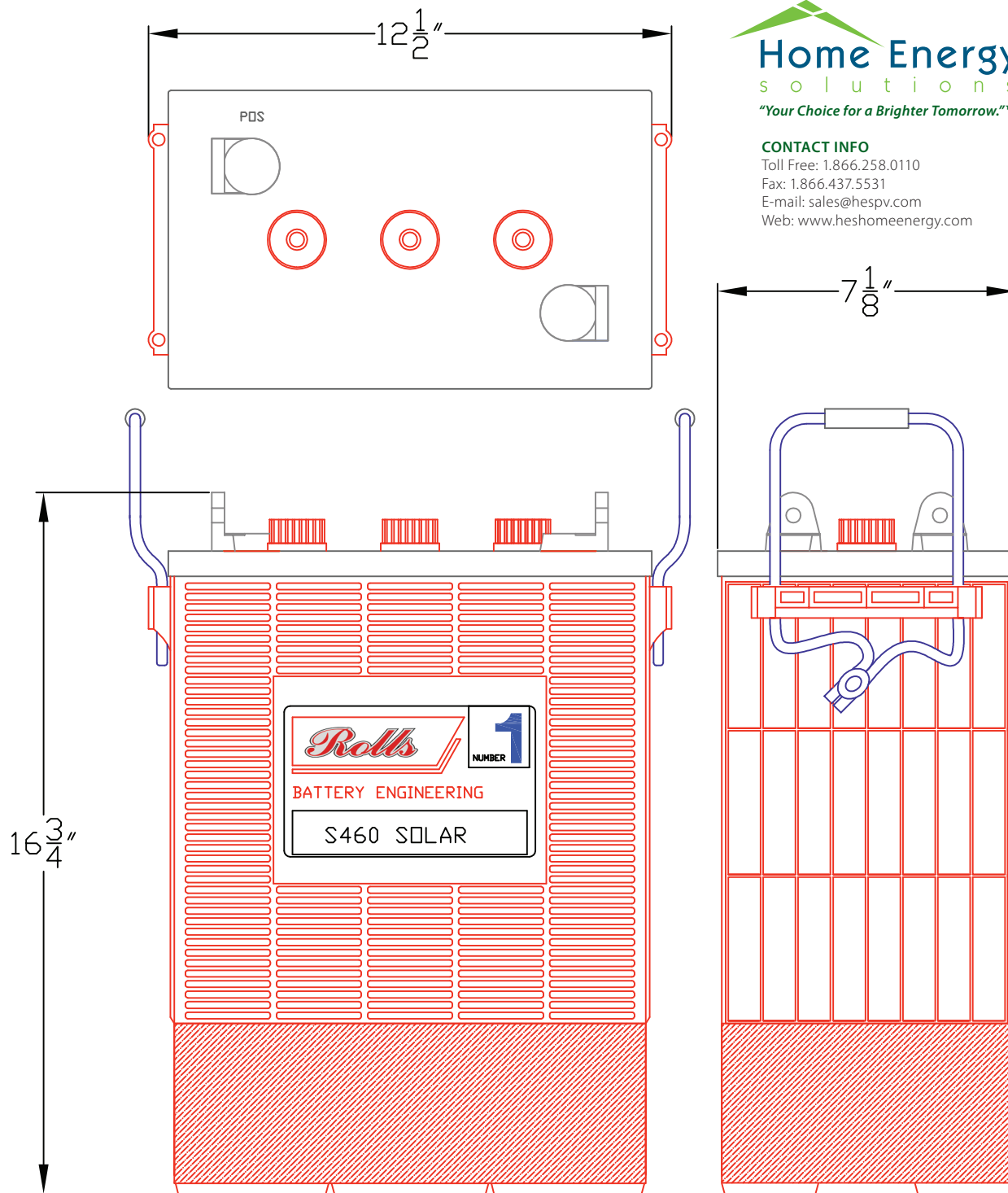
CAPACITY 350 AH 20HR RATE  
 460 AH 100HR RATE

VOLTAGE: 6 V

OVERALL DIMENSIONS: 12 1/2" X 7 1/8" X 16 3/4"



MAX HEIGHT WITH OPTIONAL HYDROCAPS 17.41"



BATTERY ENGINEERING

SALEM, MASS

TITLE:

S460 SOLAR

DESCRIPTION:

6V DEEP CYCLE SOLAR SERIES 400/4000

CONTACT INFO:

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SCALE: 1" = 4" / 8.5" X 11"

JPEG: NOT TO SCALE

Drawn by:

P. FERRON

Approved By:

JD SURRETTE

DATE: 9 DEC 08

REVISION 1

DRAWING NO.:

DWG 033, BD-S460