



DEEP CYCLE
SERIES: 4000
MODEL: NS 305

BATTERY ENGINEERING
WWW.ROLLSBATTERY.COM MADE IN CANADA

BATTERY TYPE: 6 VOLTS

DIMENSIONS:

| | | |
|---------------|--------|---------------|
| LENGTH | 311 MM | 12 1/4 INCHES |
| WIDTH | 181 MM | 7 1/8 INCHES |
| HEIGHT | 362 MM | 14 1/4 INCHES |

WEIGHTS:

| | | |
|-------------------|-------|----------|
| WEIGHT DRY | 39 KG | 85 LBS. |
| WEIGHT WET | 49 KG | 109 LBS. |

CONTAINER CONSTRUCTION:

CONTAINER: POLYPROPYLENE
COVER: POLYPROPYLENE

TERMINALS: AUTO POST
HANDLES: ROPE

PLATES:

POSITIVE PLATE DIMENSION:

| | | |
|------------------|---------|--------------|
| HEIGHT | 238 MM | 9.375 INCHES |
| WIDTH | 143 MM | 5.625 INCHES |
| THICKNESS | 4.45 MM | 0.175 INCHES |

CELLS: 3
PLATES/CELL: 15

NEGATIVE PLATE DIMENSION:

| | | |
|------------------|---------|--------------|
| HEIGHT | 238 MM | 9.375 INCHES |
| WIDTH | 143 MM | 5.625 INCHES |
| THICKNESS | 3.05 MM | 0.120 INCHES |

SEPARATOR THICKNESS: 2 MM 0.081 INCHES
INSULATION GLASS MAT: 1 MM 0.020 INCHES

CAPACITY:

CRANK AMPS:
COLD (CCA) 0°F / -17.8°C 992
MARINE (MCA) 32°F / 0°C 1240

ELECTROLYTE RESERVE:
ABOVE PLATES 57 MM 2.25 INCHES
RESERVE CAPACITY:
RC @ 25A 629 MINUTES

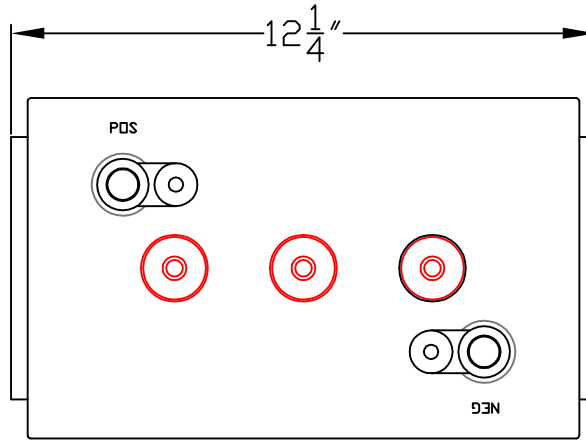
20 HR RATE: 305 50% DOD

| | HOUR RATE | SPECIFIC GRAVITY | CAP / AH | CURRENT / AMPS |
|-------------------|---------------------|-------------------------|-----------------|-----------------------|
| CAPACITY @ | 100 HOUR RATE | 1.280 SP. GR. | 406 | 4.06 |
| CAPACITY @ | 72 HOUR RATE | 1.280 SP. GR. | 384 | 5.34 |
| CAPACITY @ | 50 HOUR RATE | 1.280 SP. GR. | 363 | 7.26 |
| CAPACITY @ | 24 HOUR RATE | 1.280 SP. GR. | 314 | 13.1 |
| CAPACITY @ | 20 HOUR RATE | 1.280 SP. GR. | 305 | 15.3 |
| CAPACITY @ | 15 HOUR RATE | 1.280 SP. GR. | 287 | 19.1 |
| CAPACITY @ | 12 HOUR RATE | 1.280 SP. GR. | 271 | 22.6 |
| CAPACITY @ | 10 HOUR RATE | 1.280 SP. GR. | 259 | 25.9 |
| CAPACITY @ | 8 HOUR RATE | 1.280 SP. GR. | 244 | 30.5 |
| CAPACITY @ | 6 HOUR RATE | 1.280 SP. GR. | 226 | 37.6 |
| CAPACITY @ | 5 HOUR RATE | 1.280 SP. GR. | 214 | 43 |
| CAPACITY @ | 4 HOUR RATE | 1.280 SP. GR. | 198 | 50 |
| CAPACITY @ | 3 HOUR RATE | 1.280 SP. GR. | 180 | 60 |
| CAPACITY @ | 2 HOUR RATE | 1.280 SP. GR. | 156 | 78 |
| CAPACITY @ | 1 HOUR RATE | 1.280 SP. GR. | 110 | 110 |



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REV.2
 Jan-10
 NS 305



PART NUMBER: NS305

WEIGHT WET: 109 LB / 49 KG

WEIGHT DRY: 85 LB / 38 KG

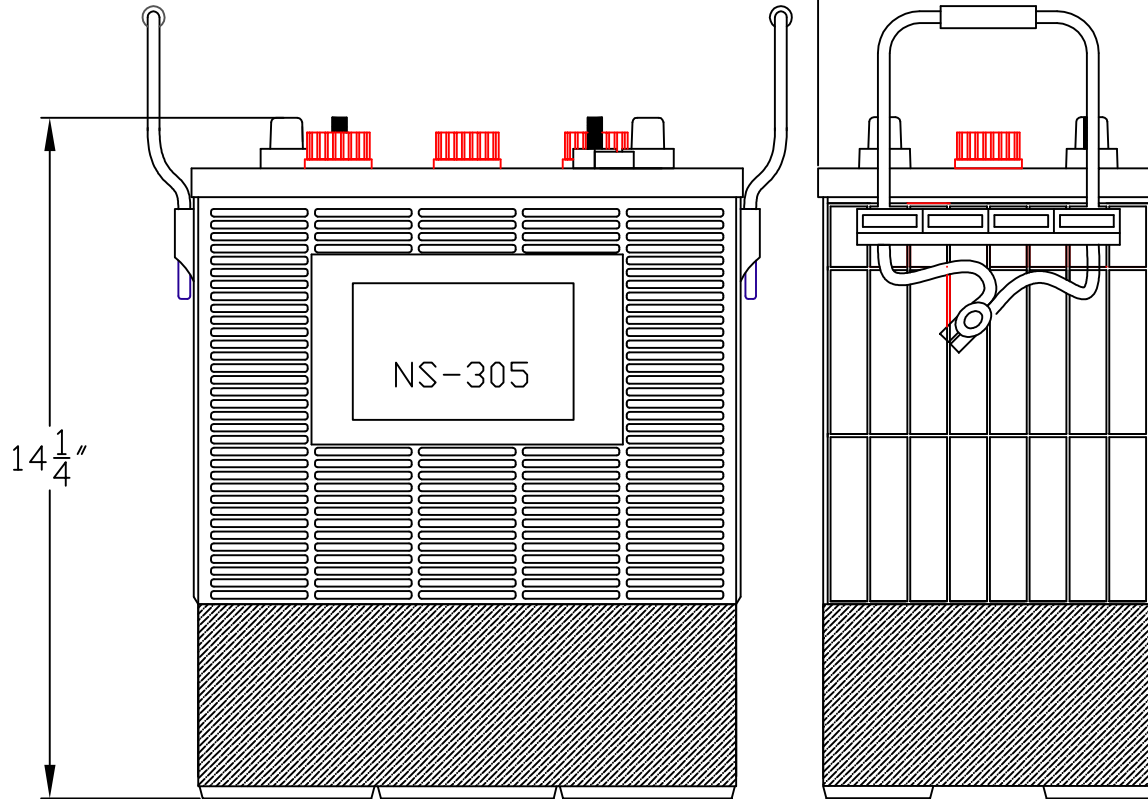
CAPACITY 305 AH 20HR RATE

VOLTAGE: 6 V

OVERALL DIMENSIONS: 12 1/4" X 7 1/8" X 14 1/4"



MAX HEIGHT WITH OPTIONAL HYDROCAPS 15"



TITLE:
NS305

DESCRIPTION:
6V DEEP CYCLE SOLAR SERIES 4000

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

SCALE: 1" = 4" JEG:
8.5" X 11" NOT TO SCALE

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

DATE: JAN-2010 REVISION 2

DRAWING NO.:
DWG 067, BD-NS305