



DEEP CYCLE
SERIES: 5000
MODEL: 2 YS 31P

BATTERY ENGINEERING
WWW.ROLLSBATTERY.COM MADE IN CANADA

BATTERY TYPE: 2 VOLTS

DIMENSIONS:

| | | |
|---------------|--------|---------------|
| LENGTH | 394 MM | 15 1/2 INCHES |
| WIDTH | 229 MM | 9 INCHES |
| HEIGHT | 803 MM | 31 5/8 INCHES |

WEIGHTS:

| | | |
|-------------------|--------|----------|
| WEIGHT DRY | 91 KG | 200 LBS. |
| WEIGHT WET | 129 KG | 285 LBS. |

CONTAINER CONSTRUCTION:

| | | | |
|---------------------------|---|-------------------|--|
| CONTAINER: (INNER) | POLYPROPYLENE | TERMINALS: | FLAG WITH STAINLESS STEEL NUTS AND BOLTS |
| COVER: (INNER) | POLYPROPYLENE - HEAT SEALED TO INNER CONTAINER | HANDLES: | MOLDED |
| CONTAINER: (OUTER) | HIGH DENSITY POLYETHYLENE | | |
| COVER: (OUTER) | HIGH DENSITY POLYETHYLENE SNAP FIT TO OUTER CONTAINER | | |

PLATES:

POSITIVE PLATE DIMENSION:

| | | |
|------------------|---------|---------------|
| HEIGHT | 600 MM | 23.625 INCHES |
| WIDTH | 143 MM | 5.625 INCHES |
| THICKNESS | 6.99 MM | 0.275 INCHES |

NEGATIVE PLATE DIMENSION:

| | | |
|------------------|---------|---------------|
| HEIGHT | 600 MM | 23.625 INCHES |
| WIDTH | 143 MM | 5.625 INCHES |
| THICKNESS | 4.57 MM | 0.180 INCHES |

CELLS: 1 **PLATES/CELL:** 31

POSITIVE PLATE DOUBLE WRAPPED WITH SLYVER ENVELOPED WITH HEAVY DUTY SEPARATOR

SEPARATOR:
THICKNESS 3 MM 0.105 INCHES

INSULATION:
GLASS MAT 1 MM 0.020 INCHES

CAPACITY:

| | | |
|---------------------|---------------|------|
| CRANK AMPS: | | |
| COLD (CCA) | 0°F / -17.8°C | 5740 |
| MARINE (MCA) | 32°F / 0°C | 7175 |

ELECTROLYTE RESERVE:
ABOVE PLATES 95 MM 3.75 INCHES

RESERVE CAPACITY:
RC @ 25A 7772 MINUTES

20 HR RATE: 2430

| | 20 HOUR RATE | SPECIFIC GRAVITY | CAP / AH | CURRENT / AMPS |
|-------------------|---------------------|-------------------------|-----------------|-----------------------|
| CAPACITY @ | 100 HOUR RATE | 1.280 SP. GR. | 3426 | 34.26 |
| CAPACITY @ | 72 HOUR RATE | 1.280 SP. GR. | 3232 | 44.89 |
| CAPACITY @ | 50 HOUR RATE | 1.280 SP. GR. | 2989 | 59.78 |
| CAPACITY @ | 24 HOUR RATE | 1.280 SP. GR. | 2527 | 105.3 |
| CAPACITY @ | 20 HOUR RATE | 1.280 SP. GR. | 2430 | 121.5 |
| CAPACITY @ | 15 HOUR RATE | 1.280 SP. GR. | 2260 | 150.7 |
| CAPACITY @ | 12 HOUR RATE | 1.280 SP. GR. | 2114 | 176.2 |
| CAPACITY @ | 10 HOUR RATE | 1.280 SP. GR. | 2017 | 201.7 |
| CAPACITY @ | 8 HOUR RATE | 1.280 SP. GR. | 1895 | 236.9 |
| CAPACITY @ | 6 HOUR RATE | 1.280 SP. GR. | 1725 | 287.6 |
| CAPACITY @ | 5 HOUR RATE | 1.280 SP. GR. | 1628 | 326 |
| CAPACITY @ | 4 HOUR RATE | 1.280 SP. GR. | 1507 | 377 |
| CAPACITY @ | 3 HOUR RATE | 1.280 SP. GR. | 1361 | 454 |
| CAPACITY @ | 2 HOUR RATE | 1.280 SP. GR. | 1166 | 583 |
| CAPACITY @ | 1 HOUR RATE | 1.280 SP. GR. | 826 | 826 |



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REV.2
 Jan-10
 2YS 31P