



# Rolls

# Solar

## Series 4000

**Longest Life**

**Less Maintenance**

**7 Year Warranty**

### Applications

**Residential**

**Communications**

**Remote Monitoring**

**Navigation Aids**

**Water Pumping**

**Utilities**

**Refrigeration**

**Uninterrupted power**

## Next-Generation Batteries for Renewable Energy Management

Rolls Battery Engineering, based in Salem, Massachusetts, has been manufacturing deep cycle batteries of the highest quality for more than 60 years. Our series 4000 system of batteries, manufactured specifically for solar and other renewable energy applications, are designed to offer up to 12 years of life.



### *Specs-at-a-Glance:*

**Voltage:** 6, 8 & 12

**Plate Alloy:** 4% Antimony

**Post Type:** Flag (Typical)

**Charge Voltage (77F):** Float 2.2 -

2.23 VPC, Bulk 2.37 - 2.4 VPC

**Specific Gravity:** 1.265

**Electrolyte:** Sulfuric Acid

### *Feature:*

Use of thickest plate, highest density active material in plate construction

*Benefit:*

- Unsurpassed cycling service - 10 year average life

### *Feature:*

Many of our batteries are constructed with structural foam containers



### *Benefits:*

- Less weight
- Greater rigidity
- Greater durability

### *Feature:*

Enveloped Separators

- Benefits:*
- Ability to remove sediment chamber, eliminating separator misalignment, treeing or shorting.
  - Also allows for higher plates to be used in the same sized cell, which yields greater capacity.



### *Feature:*

Increased Liquid Reserve

### *Benefit:*

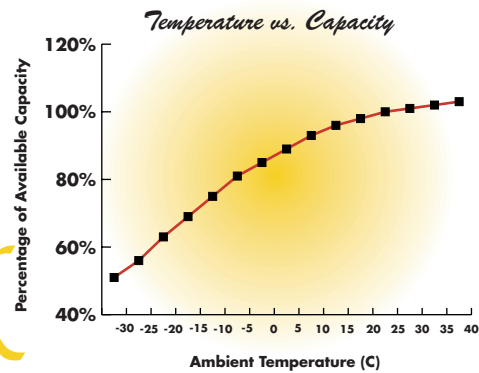
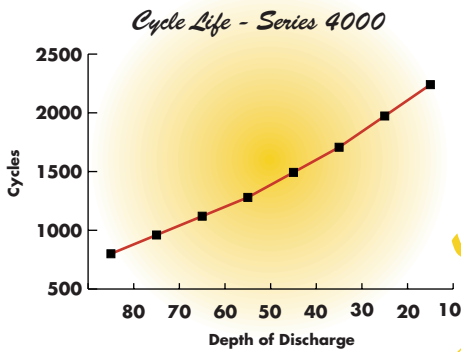
- Less maintenance

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Solar



Series 4000



*Series 4000*

| Model                 | CAP. 100 Hour 1.75 VPC | CAP. 20 Hour 1.75 VPC | Lt. Inches | Wd. Inches | Ht. Inches | Wt. Wet Lbs. | Wt. Dry Lbs. |
|-----------------------|------------------------|-----------------------|------------|------------|------------|--------------|--------------|
| <b>6 Volt 3 Cell</b>  |                        |                       |            |            |            |              |              |
| EIG-225               | 281                    | 225                   | 10 1/2     | 7 1/8      | 11 5/8     | 77           | 59           |
| EIGH-262              | 328                    | 262                   | 12 9/32    | 7 1/8      | 11 1/4     | 90           | 66           |
| CH-375                | 438                    | 350                   | 12 9/32    | 7 1/8      | 16 3/4     | 129          | 90           |
| <b>12 Volt 6 Cell</b> |                        |                       |            |            |            |              |              |
| 24-HT-80              | 100                    | 80                    | 11         | 6 3/4      | 9 1/2      | 50           | 38           |
| 27-HT-90              | 113                    | 90                    | 12 3/4     | 6 3/4      | 9 1/2      | 62           | 46           |
| T12-250               | 250                    | 200                   | 15 3/8     | 7          | 14 3/8     | 140          | 97           |
| HT-8D                 | 276                    | 221                   | 20 3/4     | 11         | 10         | 164          | 117          |
| 12-HHG-8D             | 344                    | 275                   | 20 3/4     | 11         | 10         | 180          | 135          |

*Warranty Information:*

The Rolls Warranty - Series 4000  
 Failure within 24 months from date placed in service yields FREE replacement, not including freight charges from factory to destination. After the first 24 months of service, defective batteries will be adjusted for a period of up to 84 months from date first in service at prices in effect at time of adjustment. Certain Restrictions Apply - contact your local representative for more details.

*Contact:*

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 Or your nearest distributor: