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› Luminous Red Charge RC 18000 150 Ah Tall Tubular Inverter Battery User Manual

Luminous RC 18000

Luminous Red Charge RC 18000 150 Ah Tall Tubular Inverter Battery User Manual

Model: RC 18000 | Brand: Luminous

PRODUCT OVERVIEW

The Luminous Red Charge RC 18000 150 Ah Tall Tubular Inverter Battery is designed to provide reliable and efficient power backup for various applications, including homes, offices, and shops. It features advanced tubular technology for enhanced durability and performance during extended power outages.

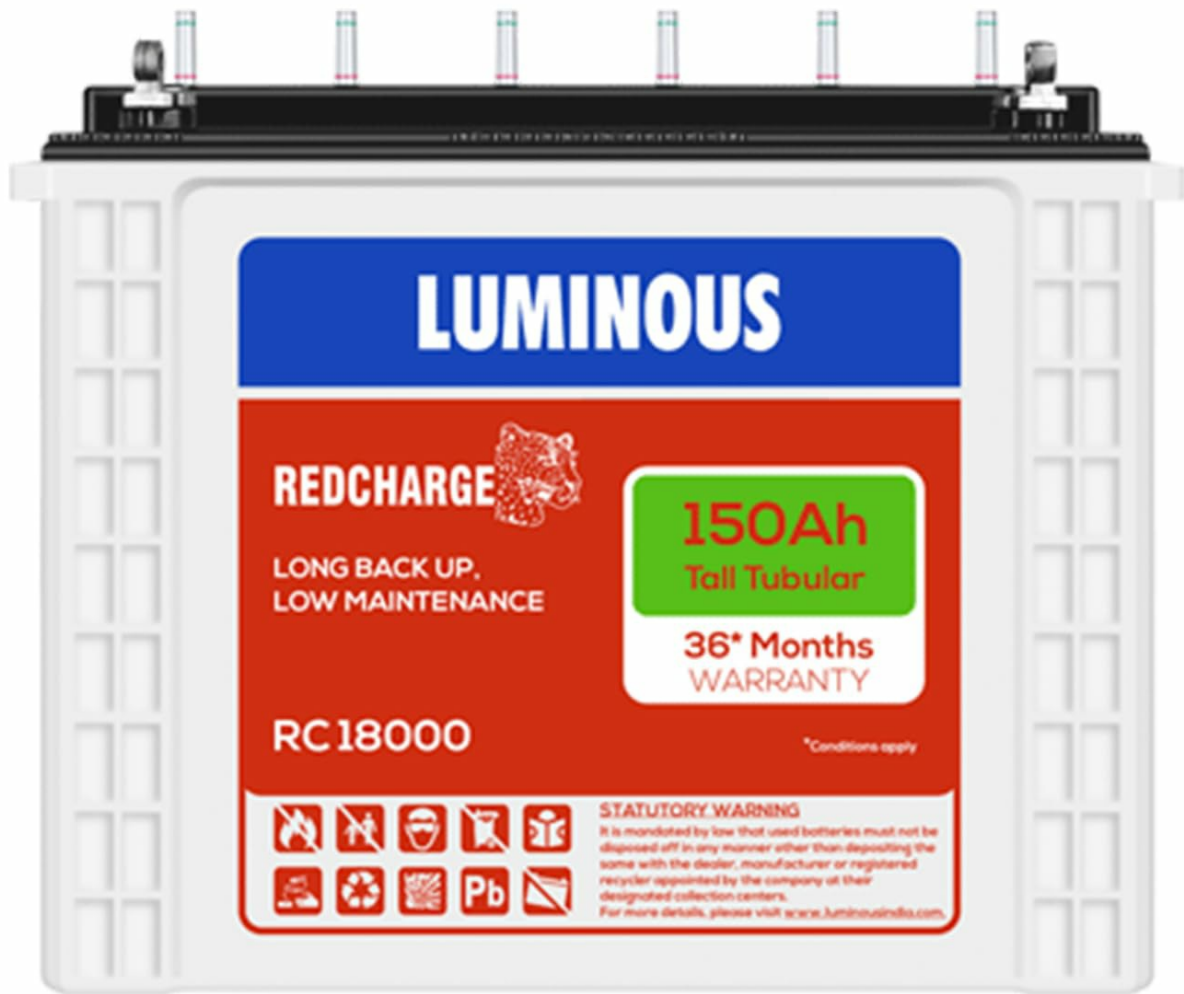


Image: Luminous Red Charge RC 18000 150 Ah Tall Tubular Inverter Battery, showcasing its robust design and key specifications on the label.

Key Features:

- High Capacity and Efficiency: Robust 150Ah/12V capacity for reliable power backup.
- Durable and Long-Lasting: Built with advanced tubular technology for consistent performance.
- Low Maintenance: Designed for hassle-free operation with minimal upkeep.
- Easy Installation: Convenient setup without professional assistance.
- Customer-Centric Design: Ensures reliable power supply, easy handling, and long-term savings.

SETUP AND INSTALLATION

Proper installation is crucial for the optimal performance and longevity of your Luminous inverter battery. While designed for easy setup, it is recommended to have a qualified technician perform the initial installation to ensure safety and correct connections.

Pre-Installation Checklist:

1. Ensure the battery is placed on a flat, stable surface in a well-ventilated area.
2. Verify that the inverter is compatible with a 150 Ah / 12V battery.
3. Keep the battery away from direct sunlight, heat sources, and flammable materials.
4. Confirm all necessary cables and connectors are available and in good condition.

Installation Steps (General Guidelines):

1. Connect the positive (+) terminal of the battery to the positive (+) terminal of the inverter.
2. Connect the negative (-) terminal of the battery to the negative (-) terminal of the inverter.
3. Ensure all connections are tight and secure to prevent loose contacts and sparking.
4. Fill the battery with distilled water up to the specified level indicators (6 water level indicators are provided).
5. Once connections are secure and water levels are correct, switch on the inverter.



Image: Diagram illustrating the battery's sealed plastic housing, 6 water level indicators, and operable MS fasteners for water filling.

OPERATING INSTRUCTIONS

The Luminous Red Charge RC 18000 battery works in conjunction with a compatible inverter to provide uninterrupted power. Once installed, the system operates largely automatically.

Normal Operation:

- During power outages, the inverter automatically switches to battery power, providing backup to connected appliances.
- When grid power is restored, the inverter automatically switches back to grid power and begins recharging the battery.
- The battery is designed for excellent overcharge tolerance and superior performance during long, frequent power cuts.

Typical Running Load Capacity:

With a 150 Ah capacity, this battery can typically support the following appliances during a power cut:

- 1 Fridge (250 Litre)
- 1 LED TV 40"
- 3 Fans
- 2 Tube Lights
- 1 LED Bulb

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Video: Overview of Luminous Red Charge RC 18000 150 Ah Tall Tubular Inverter Battery features and benefits.

MAINTENANCE

The Luminous Red Charge RC 18000 battery is designed for low maintenance, but regular checks ensure its longevity and optimal performance.

Key Maintenance Tips:

- **Check Water Levels:** Periodically inspect the water level indicators. If the level is below the minimum mark, refill with only distilled water. Do not use tap water or acid.
- **Keep Terminals Clean:** Ensure battery terminals are free from corrosion. Clean them with a mixture of baking soda and water if necessary, then apply petroleum jelly to prevent future corrosion.
- **Ensure Ventilation:** Always keep the battery in a well-ventilated area to dissipate heat and gases.
- **Regular Charging:** Even if not in use, ensure the battery is charged regularly to prevent deep discharge, which can reduce its lifespan.

LUMINOUS

EXPERIENCE CONSISTENT POWER BACK-UP



Image: Luminous Red Charge RC 18000 battery, emphasizing consistent power backup.

TROUBLESHOOTING

If you encounter issues with your Luminous Red Charge RC 18000 battery, consider the following common troubleshooting steps before contacting support:

- **Battery Not Charging:**
 - Check all cable connections to ensure they are secure.
 - Verify that the inverter is receiving grid power.
 - Ensure the battery water levels are adequate.
- **Low Backup Time:**
 - Check if the battery is fully charged.
 - Reduce the load on the inverter.

- Ensure proper ventilation around the battery.
- **Corrosion on Terminals:**
 - Disconnect the battery from the inverter.
 - Clean the terminals thoroughly with a wire brush and a baking soda-water solution.
 - Apply petroleum jelly to prevent future corrosion.

For persistent issues or complex problems, please refer to the warranty and support section for professional assistance.

SPECIFICATIONS

Feature	Detail
Brand	Luminous
Model	RC 18000
Battery Capacity	150 Amp Hours
Voltage	12 Volts (DC)
Battery Cell Composition	Lead Acid
Product Dimensions (LxWxH)	50.2 x 44 x 19.1 cm
Item Weight	20 kg
Water Level Indicators	6
Recommended Uses	Home, Office, Shops

WARRANTY AND SUPPORT

Warranty Information:

The Luminous Red Charge RC 18000 150 Ah Tall Tubular Inverter Battery comes with a **36-month warranty** from the date of purchase. Please retain your purchase receipt for warranty claims. The warranty covers manufacturing defects and performance issues under normal operating conditions.

Customer Support:

For any queries, technical assistance, or warranty claims, please contact Luminous customer support:

- **Toll-Free Number:** 18001033039
- **WhatsApp No.:** +91-7042833939
- **E-mail:** care@luminousindia.com
- **Official Website:** www.luminousindia.com

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Video: Luminous brand video highlighting customer support and product reliability.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question