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› Oxford Oximiser 900 Professional Switch Mode LED Battery Charger Instruction Manual

Oxford OF571AVUS

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INTRODUCTION

The Oxford Oximiser 900 is a professional switch mode battery charger designed for automatic maintenance, optimization, and prolongation of the life of any 12-volt battery. It features a 5-stage automatic battery management system, ensuring your battery remains in optimal condition without overcharging.

SAFETY INFORMATION

- Always read the entire instruction manual before use.
- Ensure proper ventilation when charging batteries.
- Avoid sparks or flames near the battery during charging.
- Wear appropriate personal protective equipment, including eye protection.
- Keep out of reach of children.
- Do not attempt to charge frozen or damaged batteries.

PACKAGE CONTENTS

Verify that all items are present in the package:

- Oxford Oximiser 900 Charger
- Battery Wiring Harness
- Mounting Bracket and Screws



Image: Oxford Oximiser 900 with included accessories, showing the main unit, battery clips, and ring terminal connectors.

SETUP

1. **Prepare the Battery:** Ensure the battery terminals are clean and free from corrosion.
2. **Connect to Battery:** Attach the red (+) clamp or ring terminal to the positive battery terminal. Attach the black (-) clamp or ring terminal to the negative battery terminal. Ensure a secure connection.
3. **Connect to Power:** Plug the charger into a standard 120V AC power outlet. The charger will initiate its diagnostic and charging sequence automatically.

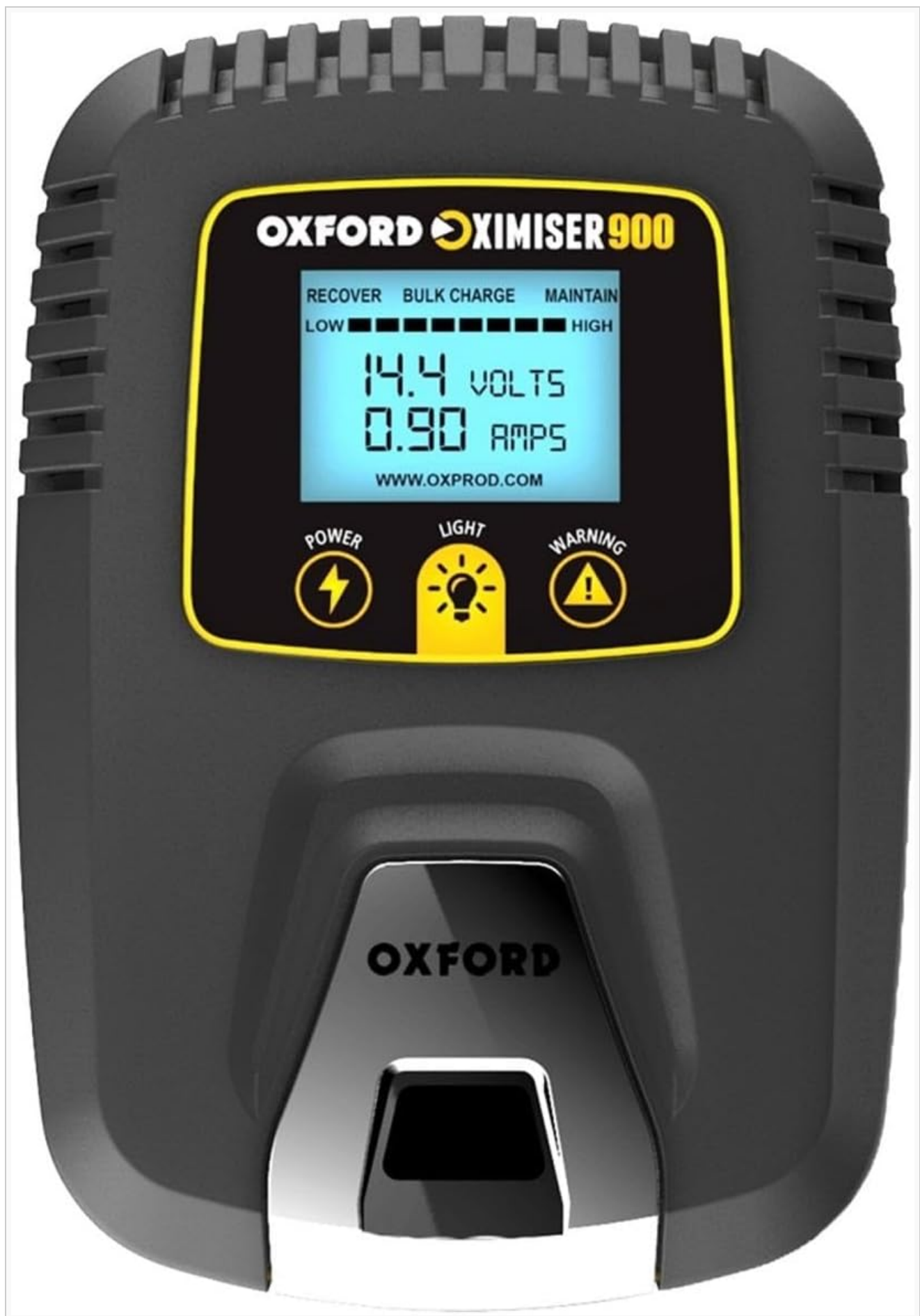


Image: Oxford Oximiser 900 unit displaying charging status, connected to a vehicle battery.

OPERATING INSTRUCTIONS

The Oximiser 900 features a 5-stage automatic battery management system:

1. **Recovery:** For deeply discharged batteries (as low as 4.1 Volts, if undamaged), the charger will initiate a varying charge rate to recover the battery.
2. **Bulk Charge:** Charges the battery to its full capacity.
3. **Optimization:** Ensures the battery is kept in optimal condition and never drops below the critical voltage level of 12.6 Volts.
4. **Maintenance:** Once fully charged, the Oximiser 900 can be left permanently connected for long-term battery care, providing ongoing monitoring and charging only when needed.
5. **LCD Screen:** The unique LCD screen with backlighting provides real-time information, including the actual voltage and amperage, and a mobile phone-style battery indicator for state of charge.

The Oximiser 900 is suitable for all 12 Volt battery types up to 30 Ampere/hour, including Gel, MF, and conventional lead-acid batteries.

Your browser does not support the video tag.

Video: Oxford Corporate Video, showcasing the brand's commitment to product development and quality.

MAINTENANCE

The Oxford Oximiser 900 is designed for minimal maintenance. Simply ensure the connections are clean and secure. The automatic battery management system handles the charging and maintenance cycles without user intervention.

- Regularly inspect cables and connectors for any signs of wear or damage.
- Keep the charger unit clean and dry.
- For long-term storage, ensure the charger remains connected to maintain optimal battery health.

TROUBLESHOOTING

- **Charger Not Activating:** Ensure the charger is properly plugged into a live power outlet and securely connected to the battery terminals. The Oximiser 900 can recover batteries as low as 4.1V, but if the battery is severely damaged, it may not initiate charging.
- **Battery Not Charging:** Verify that the battery type is compatible (12V, up to 30Ah, Gel, MF, or acid). Check for any loose connections or corrosion on the battery terminals.
- **Overheating:** The Oximiser 900 is designed to prevent overcharging. If the unit feels excessively hot, disconnect it immediately and check for proper ventilation and battery condition.

SPECIFICATIONS

Feature	Specification
Product Dimensions	10 x 3 x 6 inches
Item Weight	1 pounds (16 ounces)
Item Model Number	OF571AVUS
Output Voltage	12 Volts

Input Voltage	240 Volts
Battery Types Supported	12V (Gel, MF, Acid) up to 30 Ah

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the official Oxford Products website or contact their customer service directly. Keep your proof of purchase for any warranty claims.

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