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› [OPTIMA Batteries High Performance 34 RedTop Sealed AGM Car, Truck, and SUV Starting Battery, 800 CCA, SAE Terminal, Maintenance Free, Versatile Mounting Standard Packaging](#)

OPTIMA Optima Batteries OPT8002-002 34 RedTop Starting Battery

OPTIMA Batteries 34 RedTop Starting Battery User Manual

Model: OPT8002-002

PRODUCT OVERVIEW

The OPTIMA 34 RedTop battery is engineered for high power cranking, even in challenging weather conditions. Its robust design makes it suitable for demanding applications such as hot rods and off-road vehicles. Featuring a unique SpiralCell design, it provides a consistent and clean power source. This battery offers a higher reserve capacity for extended shelf-life and is completely non-spillable, allowing for versatile mounting options. It boasts 15 times the vibration resistance and up to 3 times longer life compared to standard flooded batteries, along with faster recharging capabilities. The battery is maintenance-free for user convenience.



Figure 1: OPTIMA 34 RedTop Battery, a high-performance starting battery.

SETUP AND INSTALLATION

Before installing your OPTIMA 34 RedTop battery, ensure it is fully charged. It is recommended to use a charger specifically designed for AGM (Absorbed Glass Mat) batteries for optimal performance and longevity. While the battery can handle a normal alternator current, an AGM-compatible charger is preferred for initial charging and maintenance. During charging, monitor the battery for any excessive heat, which could indicate an issue.

The battery features SAE terminals for connection. Ensure all connections are clean, secure, and correctly polarized (positive to positive, negative to negative) to prevent damage to the battery or vehicle electrical system. The non-spillable design allows for flexible mounting in various positions, but always secure the battery properly to prevent movement during vehicle operation.



Figure 2: Front view of the OPTIMA 34 RedTop Battery, showing the SAE terminals.

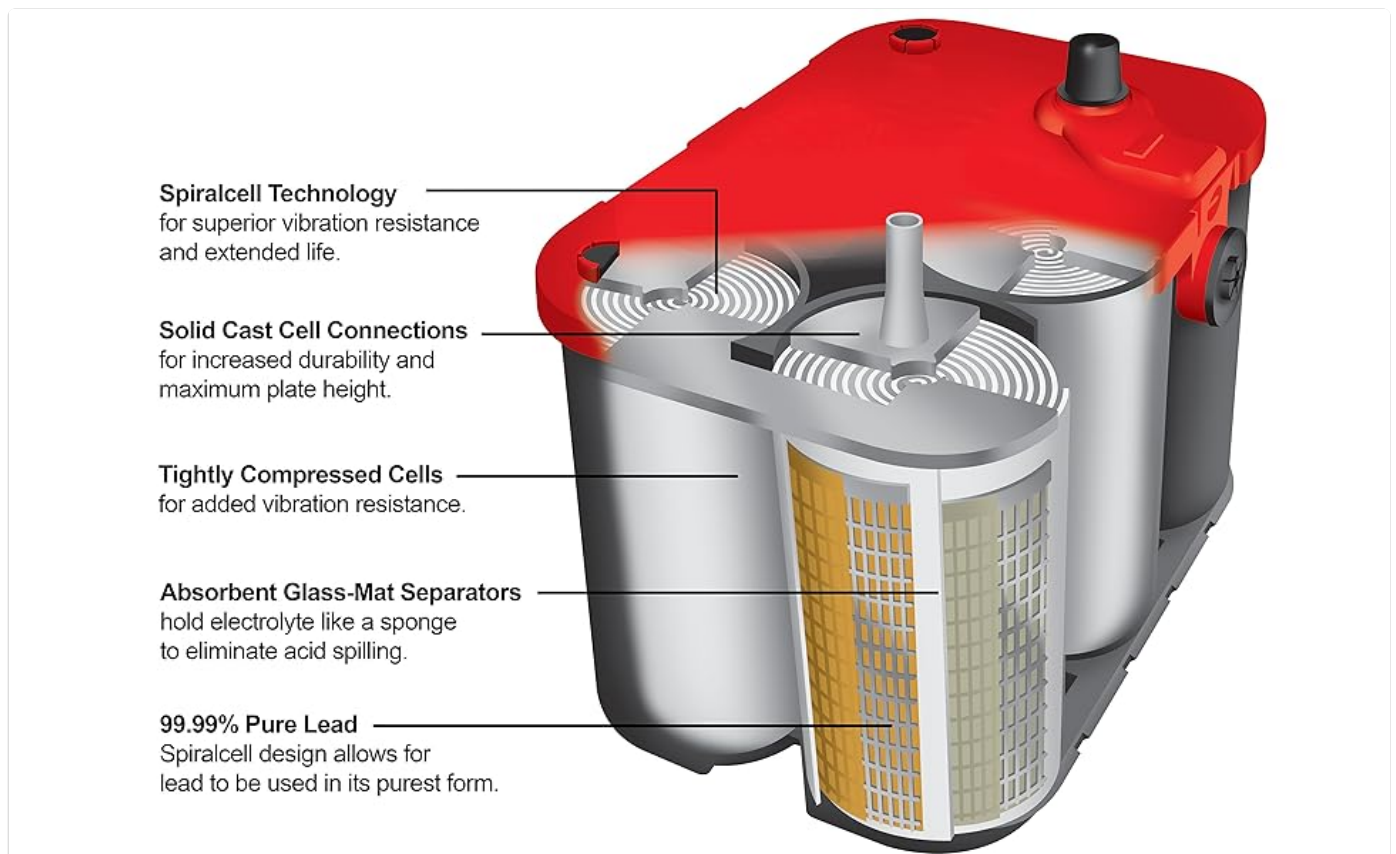


Figure 3: Diagram illustrating the internal SpiralCell Technology, which contributes to the battery's performance and durability.

OPERATING INSTRUCTIONS

The OPTIMA 34 RedTop battery is designed primarily as a starting battery, providing a powerful burst of energy to start your vehicle's engine. Its SpiralCell Technology ensures optimal starting power even in adverse weather conditions. The battery's high reserve capacity allows for sustained performance when needed. It is built to withstand significant vibration, making it ideal for demanding automotive environments.



The advertisement features a black and red OPTIMA 34 RedTop battery as the central focus. The battery has a red top with the OPTIMA logo and 'BY CLARIOS' text. It is set against a red background with the large white text 'TESTED. TRUSTED.' above it. At the top right, there is a stylized '0' logo. Below the battery, three white icons represent different applications: a classic car, a modern car, and a tractor. Each icon is accompanied by its respective category name in white capital letters.

TESTED. TRUSTED.

OPTIMA
BY CLARIOS

CLASSIC CARS

**GENERAL
AUTOMOTIVE**

AGRICULTURE

Figure 4: The OPTIMA RedTop battery is suitable for various applications including classic cars, general automotive use, and agriculture.

TRACK TESTED. DRIVER TRUSTED.



15X

**MORE VIBRATION
RESISTANCE**



**MEETS HIGH
ELECTRICAL DEMANDS**

3X

**LONGER
LIFE**

Figure 5: Key performance advantages of the OPTIMA RedTop battery, including enhanced vibration resistance and extended lifespan.

MAINTENANCE

The OPTIMA 34 RedTop battery is designed to be maintenance-free, eliminating the need for regular water additions or terminal cleaning under normal operating conditions. Its sealed AGM construction prevents acid spills and corrosion. To ensure the longest possible lifespan, avoid fully discharging the battery. If the battery is to be stored for an extended period, it is recommended to keep it fully charged using an appropriate AGM-compatible battery charger.

TROUBLESHOOTING

If you experience issues with your OPTIMA 34 RedTop battery, consider the following common troubleshooting steps:

- **Battery Not Holding Charge:** Ensure your charging system (alternator) is functioning correctly. Verify that the battery is being charged with an AGM-compatible charger if charging externally. Avoid deep discharges.
- **Slow Cranking or No Start:** Check battery terminal connections for cleanliness and tightness. Loose or corroded connections can impede current flow. Ensure the battery is adequately charged.

- **Excessive Heat During Charging:** If the battery becomes excessively hot during charging, immediately disconnect it from the charger. This could indicate an internal issue or an incompatible charger. Consult a professional.
- **Physical Damage:** Inspect the battery for any visible signs of damage, such as cracks or bulges. A damaged battery should be replaced immediately.

For persistent issues, it is advisable to consult a qualified automotive technician or contact OPTIMA customer support.

SPECIFICATIONS

Feature	Detail
Brand	OPTIMA
Model	OPT8002-002 (34 RedTop Starting Battery)
Voltage	12-Volt
Cold Cranking Amps (CCA)	800 CCA
Reserve Capacity	100 minutes
C20 Capacity	50 AH
Terminal Type	SAE Terminal
Dimensions (L x W x H)	10.06" x 6.88" x 7.88" (254mm x 175mm x 200mm)
Weight	37.9 pounds
Technology	Sealed AGM, SpiralCell Design
Vibration Resistance	15x more resistant than standard flooded batteries
Lifespan	Up to 3 times longer life vs. standard flooded batteries



Figure 6: Side view of the OPTIMA 34 RedTop Battery, illustrating its compact design.



Figure 7: Top view of the OPTIMA 34 RedTop Battery, showing the positive and negative terminals.





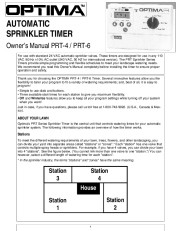
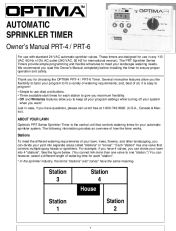
WARRANTY AND SUPPORT

For specific warranty information regarding your OPTIMA 34 RedTop battery, please refer to the documentation included with your purchase or visit the official OPTIMA Batteries website. Warranty terms and conditions may vary based on region and point of purchase.

Additional support resources, including detailed user guides and safety information, are available:

- [User Guide \(PDF\)](#)
- [Safety Information \(PDF\)](#)
- Visit the [OPTIMA Store on Amazon](#) for more products and information.

For direct assistance, please contact OPTIMA Batteries customer service through their official channels.

	<p>OPTIMA D200+ 12V Performance Maintainer User Guide</p> <p>Comprehensive user guide for the OPTIMA D200+ 12V Performance Maintainer and 2 Amp Hypercore Lithium Charger. Covers features, safety, operation, installation, troubleshooting, and technical specifications for 12V batteries including Lithium LiFePO4, AGM, and Flooded Lead-Acid types.</p>
	<p>OPTIMA D200+ 12V Performance Maintainer User Guide</p> <p>Comprehensive user guide for the OPTIMA D200+ 12V Performance Maintainer and 2 Amp HyperCore Lithium Charger. Covers safety instructions, product features, operation, installation, troubleshooting, and technical specifications.</p>
 <p>INSTALLATION MANUAL</p>	<p>Optima Fire Alarm Control Panel Installation Manual</p> <p>Comprehensive installation manual for the Optima Fire Alarm Control Panel (FACP), detailing wiring, configuration, mounting, and troubleshooting. Complies with EN54 and BS:EN 5839 standards.</p>
	<p>OPTIMA D26AT User Manual: Storage and Disposal Guide</p> <p>Concise guide on storing and disposing of OPTIMA D26AT rechargeable devices, covering temperature, humidity, charging, and WEEE directive compliance.</p>
	<p>Optima Automatic Sprinkler Timer PRT-4 / PRT-6 Owner's Manual</p> <p>Owner's manual for the Optima Automatic Sprinkler Timer PRT-4 / PRT-6, detailing installation, programming, and maintenance.</p>
	<p>Optima PRT-4/PRT-6 Automatic Sprinkler Timer User Manual</p> <p>This user manual provides detailed instructions for installing, programming, and maintaining the Optima PRT-4 and PRT-6 Automatic Sprinkler Timers. Learn how to set watering schedules, durations, and troubleshoot common issues.</p>