

**NOCO**  
**NLP9 Lithium**  
**Powersport**  
**Batteries**



# NOCO NLP9 Lithium Powersport Batteries User Manual

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# NOCO®

**NOCO NLP9 Lithium Powersport Batteries**



**Launch Date:** April 4, 2021.

**Price:** \$99.95

## Introduction

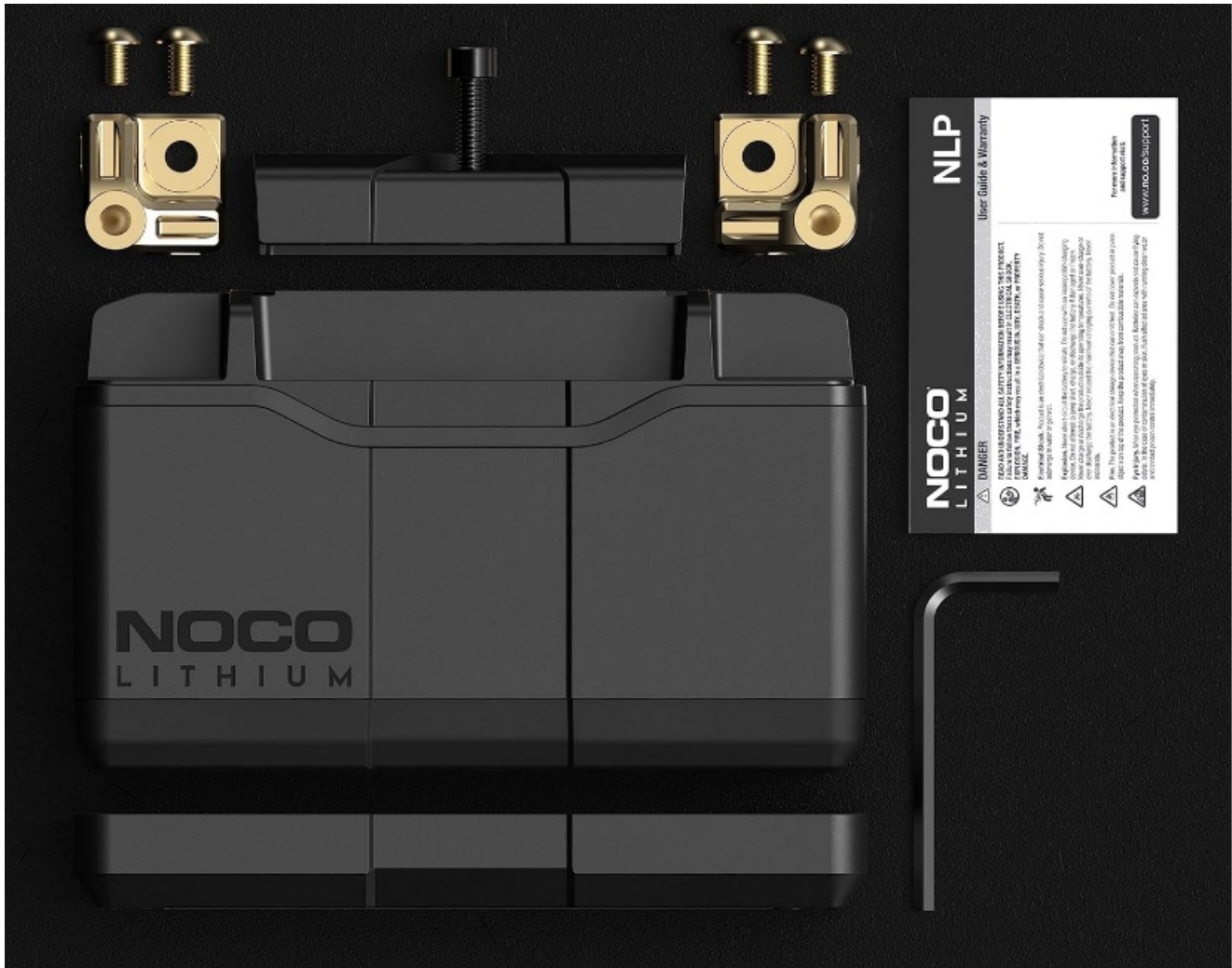
This guide will teach us about the NOCO NLP9 Lithium Powersport Battery, a state-of-the-art power option made for high-performance use in power sports vehicles like motorcycles, ATVs, and personal watercraft. This modern lithium battery is different because it is very light. It is much lighter than regular lead-acid batteries, which makes the car run better and use less gas. With an amazing 2000 cycles, the NOCO NLP9 makes sure that it will be reliable and cost-effective for a long time. The fast-charging feature will be appreciated by users, as it allows for quick recharges and little downtime. The battery also has built-in safety features, like security against overcharging and short circuits, that make sure it works safely. The NLP9 is a better option than regular batteries because it is safer for the environment and doesn't contain any harmful chemicals. It works much better than lead-acid batteries because it can provide over 400 amps of starting power. Its compatibility with different power sport brands makes it even more appealing, making it a flexible choice for fans who want to improve their cars. The NOCO NLP9 is made for people who need their power source to work perfectly and reliably.

## Specifications

- **Brand:** NOCO
- **Model:** NLP9
- **Size:** Group 9
- **Battery Type:** Lithium-ion
- **Voltage:** 12V
- **Capacity:** 9Ah (Amp-hours)
- **Product Dimensions:** 3.4" D x 5.9" W x 4.3" H (150 x 86 x 100 mm)
- **Item Weight:** 2.44 pounds (1.1 kg)
- **Number of Cells:** 4
- **Resistance:** 25 Ohms
- **Terminal Type:** Stud Terminal
- **Manufacturer:** NOCO
- **Manufacturer Part Number:** NLP9

- **Country of Origin:** China
- **UPC:** 046221190083
- **Global Trade Identification Number (GTIN):** 00046221190083
- **Operating Temperature:** -4°F to 140°F (-20°C to 60°C)
- **Cycle Life:** Up to 2000 cycles at 80% depth of discharge
- **Batteries Required:** 1 Lithium Ion battery (included)
- **Exterior Finish:** Painted
- **Compatibility:** Suitable for motorcycles, ATVs, UTVs, personal watercraft, and more.

## Package Includes



- 1 x NOCO NLP9 Lithium Powersport Battery
- 1 x User manual
- 1 x Set of battery terminal connectors
- 1 x Mounting bracket (if applicable)

## Features

### Lightweight Design

- **Weight Advantage:** The NOCO NLP9 weighs significantly less than traditional lead-acid batteries, making it

ideal for performance-oriented applications. This weight reduction enhances the overall efficiency of the vehicle, improving handling and fuel efficiency.



### Longer Lifespan

- **Cycle Durability:** This lithium battery offers an impressive lifespan of up to 2000 cycles, ensuring reliability over many years of use. Compared to lead-acid batteries, which often require replacement after just a few hundred cycles, the NLP9's longevity provides significant cost savings over time.

### Fast Charging

- **Quick Recharging Capability:** The NOCO NLP9 can be charged quickly with minimal downtime, utilizing advanced rapid-charge technology. It can provide enough starting power with just a 5-minute charge, allowing users to get back on the road in no time.

# SUPER FAST.<sup>™</sup> RECHARGE IN MINUTES.



CHARGER MODEL	RECHARGE TIME
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GENIUS1	180 min
---------	---------

GENIUS2	90 min
---------	--------

GENIUS5	36 min
---------	--------

## GO FROM 0% TO STARTING WITH 5 MINUTES OF CHARGE.

### Low Self-Discharge Rate

- **Long-Term Storage Efficiency:** The battery retains its charge longer when not in use, making it particularly suitable for seasonal vehicles that are not used regularly. This feature ensures that the battery will be ready to perform whenever it is needed, without the hassle of frequent recharging.

### Built-in Protection

- **Safety Features:** The NLP9 includes comprehensive protection mechanisms such as overcharge, over-discharge, and short-circuit protection. These safety features are designed to ensure safe operation, preventing damage to the battery and the vehicle.

### Environmentally Friendly

- **Green Technology:** The NOCO NLP9 is free from toxic materials commonly found in traditional batteries, such as lead and acid. This environmentally friendly design contributes to a greener alternative in the battery market, reducing environmental impact.

## Insane Performance

- **Starting Power:** The NLP9 delivers over 400 amps of starting power, providing over 50,000 starts, which is a significant enhancement compared to lead-acid rivals. It effectively offers 2X more power, 10X more starts, and 5X longer life than traditional batteries.

## Dynamic Battery Management System (BMS)

- **Advanced Protection:** The battery features an advanced BMS that provides maximum safety protection with bi-directional active cell balancing. This technology ensures long-lasting reliability without the need for a BMS reset, maintaining optimal battery performance.

## Universal Fit

- **Multi-Terminal Configuration:** The NOCO NLP9 allows for front, side, top, and female installations, making it adaptable to a variety of applications. Its modular trays fit various group sizes and include a removable mounting block, accommodating legacy battery applications.

## Compatibility

- **Versatile Use:** This battery is compatible with most power sport brands, including well-known names like Aprilia, BMW, Buell, Ducati, Harley-Davidson, Indian, Triumph, KTM, Argo, Can-Am, Honda, Husqvarna, Kawasaki, Suzuki, Arctic Cat, BRP, Waverunner, and Polaris. It supports motorcycles, ATVs, UTVs, PWCs, quads, 4-wheelers, jet skis, scooters, riding lawnmowers, generators, and more.

## Dimension





## Usage

- **Installation:** Install the battery in a well-ventilated area, ensuring proper polarity connections (positive to positive, negative to negative).
- **Charging:** Use a compatible lithium battery charger for optimal performance. Avoid using chargers designed for lead-acid batteries.
- **Application:** Suitable for use in motorcycles, ATVs, UTVs, personal watercraft, and other power sport vehicles.

## Care and Maintenance

- **Regular Inspection:** Check the battery terminals for corrosion and ensure they are securely connected.
- **Charge Maintenance:** Keep the battery charged to maintain optimal performance, especially during long periods of inactivity.
- **Temperature Management:** Store the battery in a cool, dry place away from extreme temperatures to prolong lifespan.
- **Cleaning:** Clean the battery exterior with a damp cloth. Avoid using abrasive materials or cleaners that could damage the surface.

## Troubleshooting

Issue	Possible Cause	Solution
Battery won't charge	Incorrect charger	Use a compatible lithium battery charger.
Battery loses charge quickly	High self-discharge rate	Ensure proper storage conditions.
Insufficient power	Underlying vehicle issue	Check vehicle wiring and components.
Battery appears swollen	Overcharging or excessive heat	Stop using the battery and consult a technician.
Battery not fitting properly	Incorrect installation	Verify the battery size and installation type.
Battery doesn't start vehicle	Low charge or faulty connections	Charge the battery and check terminal connections.
Warning light on battery	Battery protection engaged	Allow the battery to rest and recharge; consult user manual if persistent.

Pros and Cons

Pros	Cons
Lightweight and compact design	Higher initial cost compared to lead-acid batteries
Rapid charging capability	Requires specific charger for optimal performance
Long lifespan with over 50,000 starts	May not fit all vehicle models without modifications
Maintenance-free operation	Limited availability in some regions

Contact Information

- Phone: +1-[801-984-5380](tel:+18019845380)
- Toll-Free: +1-[888-819-4061](tel:+18888194061)

Warranty

The NOCO NLP9 comes with a **5-year Limited Warranty**, ensuring protection against manufacturing defects and performance issues under normal usage conditions. Always retain your purchase receipt as proof of warranty eligibility.

FAQs

What type of battery is the NOCO NLP9?

The NOCO NLP9 is a lithium-ion battery designed for high-performance applications in powersport vehicles.



What is the voltage of the NOCO NLP9?

The NOCO NLP9 operates at a voltage of 12V, making it compatible with most powersport vehicles.

How much capacity does the NOCO NLP9 have?

The NOCO NLP9 has a capacity of 9Ah (Amp-hours), providing reliable power for various applications.

What makes the NOCO NLP9 lightweight?

The NOCO NLP9 is significantly lighter than traditional lead-acid batteries, enhancing overall vehicle performance and efficiency.

How long does the NOCO NLP9 last?

The NOCO NLP9 offers an impressive lifespan of up to 2000 cycles, ensuring long-term reliability.

What safety features does the NOCO NLP9 include?

The NOCO NLP9 features built-in protections such as overcharge, over-discharge, and short-circuit protection for safe operation.

What powersport brands are compatible with the NOCO NLP9?

The NOCO NLP9 is compatible with various brands, including Harley-Davidson, Yamaha, Honda, and many more.

How does the NOCO NLP9 compare to lead-acid batteries?

The NOCO NLP9 provides 2X more power, 10X more starts, and 5X longer life than traditional lead-acid batteries.

What terminal type does the NOCO NLP9 have?

The NOCO NLP9 features a stud terminal type, allowing for secure connections to the vehicle's electrical system.

How can I ensure proper fitment for the NOCO NLP9?

To ensure proper fitment, add your power sport vehicle to your Amazon Garage and check compatibility with battery sizes like BTX7A-BS and YTX9-BS.

What is the weight of the NOCO NLP9?

The NOCO NLP9 weighs approximately 2.44 pounds (1.1 kg), making it easy to handle and install.

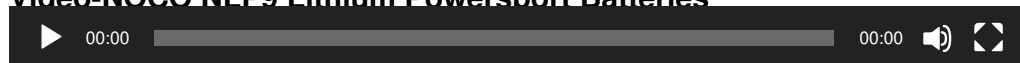
How does the battery management system (BMS) work in the NOCO NLP9?

The advanced BMS in the NOCO NLP9 provides maximum safety protection with bi-directional active cell balancing, ensuring long-lasting reliability without the need for resets.

What is the cycle life of the NOCO NLP9?

The NOCO NLP9 can provide up to 2000 cycles at 80% depth of discharge, offering excellent longevity compared to lead-acid batteries.

## Video-NOCO NLP9 Lithium Powersport Batteries



<https://www.noco.com/wp-content/uploads/2024/10/NOCO-NLP9-Lithium-Powersport-Batteries.mp4>

[NOCO NLP9 Lithium Powersport Batteries User Manual-Device. report](#)

## References

- [User Manual](#)

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