

## maXpeedingrods MXR3500

# MaXpeedingrods 3500 Watt Portable Inverter Generator User Manual

Model: MXR3500

## INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your MaXpeedingrods 3500 Watt Portable Inverter Generator. Please read this manual thoroughly before operating the generator to ensure proper use and to prevent injury or damage.

The MaXpeedingrods 3500 Watt Portable Inverter Generator is designed to provide versatile power for various applications, including home backup, outdoor camping, RV use, and trailer power. Its compact and lightweight design makes it highly portable, while inverter technology ensures clean, stable power for sensitive electronics.



Image: The Maxpeedingrods 3500 Watt Portable Inverter Generator, showcasing its compact design and control panel.

## SETUP

### Unpacking and Initial Inspection

Carefully remove the generator and all accessories from the packaging. Inspect for any signs of damage during transit. Ensure all listed accessories are present:

- Spark Plug Socket Wrench
- Oil Funnel
- RV30 Plug
- Generator Parallel Cables
- Screwdriver
- Generator Dust Cover
- Owner Manual



*Image: A visual representation of the accessories included with the generator, such as the oil funnel, spark plug wrench, and parallel cables.*

## Adding Engine Oil

Before first use, the generator must be filled with engine oil. The oil capacity is 450ml. Use a high-quality 10W-30 engine oil. Place the generator on a level surface, remove the oil fill cap/dipstick, and use the provided oil funnel to add the oil slowly until it reaches the upper mark on the dipstick.

## Adding Fuel

This generator operates on gasoline. Ensure the generator is turned off and cooled before adding fuel. Open the fuel cap and carefully pour fresh, unleaded gasoline into the fuel tank. Do not overfill. The tank volume is 4 liters.

## Pre-Operation Checklist

- Check engine oil level.
- Check fuel level.

- Ensure all electrical connections are secure.
- Place the generator on a firm, level surface outdoors, away from windows, doors, and vents.

Your browser does not support the video tag.

*Video: Official MaXpeedingrods video demonstrating the operating procedures for the 3500W Inverter Generator, including initial setup steps.*

## OPERATING INSTRUCTIONS

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### Starting the Generator

1. Ensure the generator is on a level surface and all connections are secure.
2. Turn the fuel valve to the 'ON' position (if applicable).
3. Turn the engine switch to the 'ON' position.
4. Move the choke lever to the 'CHOKE' position.
5. Pull the recoil starter handle firmly and steadily until the engine starts.
6. Once the engine starts, slowly move the choke lever to the 'RUN' position.



*Image: A close-up view of the generator's control panel, showing the various outlets, switches, and indicator lights.*

## Connecting Electrical Devices

After the generator is running stably, you can connect your electrical devices. The generator features:

- 1 x 120V 30 amp RV outlet
- 2 x 120V 20 amp outlets
- 2 x 5V DC USB outlets

Ensure the total wattage of connected devices does not exceed the running wattage of 3000W. For sensitive electronics, the inverter technology provides clean pure sine wave power, protecting your devices.

## Eco Mode Operation

The generator features an Eco mode switch. When activated, the engine speed automatically adjusts to the load, improving fuel efficiency and reducing noise levels. This extends run time up to 8.3 hours at 25% load (750W) or 4.5 hours at 50% load (1500W).

## Stopping the Generator

1. Disconnect all electrical devices from the generator.
2. Turn the engine switch to the 'OFF' position.
3. Turn the fuel valve to the 'OFF' position (if applicable).

## MAINTENANCE

Regular maintenance is crucial for the longevity and optimal performance of your generator. Always ensure the generator is off and cooled before performing any maintenance.

### Engine Oil Change

Change the engine oil after the first 20 hours of operation, and then every 100 hours or every 6 months, whichever comes first. Refer to the owner's manual for detailed steps on draining and refilling the oil.

### Spark Plug Inspection and Replacement

Inspect the spark plug every 100 hours or annually. Clean or replace if necessary. Use the provided spark plug socket wrench for removal and installation.

### Air Filter Cleaning

Clean the air filter every 50 hours or every 3 months, or more frequently in dusty conditions. A dirty air filter can reduce engine performance and increase fuel consumption.

### Storage

For long-term storage, drain the fuel from the tank and carburetor, or add a fuel stabilizer. Change the engine oil. Store the generator in a clean, dry place, covered with the provided dust cover.

Your browser does not support the video tag.

*Video: Official MaXpeedingrods video detailing maintenance procedures for the MXR2300 generator, applicable to similar models like the MXR3500.*

## TROUBLESHOOTING

This section provides solutions to common issues you might encounter with your generator.

Problem	Possible Cause	Solution
Engine will not start	No fuel; Engine switch OFF; Choke not set correctly; Low oil level; Spark plug issue.	Add fuel; Turn engine switch ON; Adjust choke; Add oil; Inspect/replace spark plug.
No power output	AC circuit breaker tripped; Overload; Loose connections.	Reset AC breaker; Reduce load; Check connections.
CO Alarm activated	Carbon Monoxide detected.	Move generator to a well-ventilated area immediately. Allow to cool and clear.
Overload LED illuminated	Connected devices exceed generator capacity.	Disconnect some appliances and press the AC Reset button.

Problem	Possible Cause	Solution
Low Oil LED illuminated	Engine oil level is too low.	Add engine oil to the correct level.

If problems persist after attempting these solutions, please contact customer support.

## SPECIFICATIONS

Feature	Detail
Brand	maXpeedingrods
Model Name	MXR3500
Wattage (Peak)	3500 watts
Wattage (Running)	3000 watts
Power Source	Gas-Powered
Voltage	120 Volts
Frequency	60 Hz
Engine Type	4 Stroke
Engine Displacement	145 Cubic Centimeters
Tank Volume	4 Liters
Runtime (25% load)	Up to 8.3 hours
Runtime (50% load)	Up to 4.5 hours
Noise Level (Eco mode)	58 decibels (at 23 feet)
Item Weight	52 pounds (23580 Grams)
Product Dimensions (L x W x H)	18.9"L x 11.42"W x 17.32"H
Outlets	1 x 120V 30A RV, 2 x 120V 20A, 2 x 5V DC USB
Special Features	Portable, Overload Protection, Super Quiet, Lightweight, CO Sensor



Image: Diagram showing the key dimensions of the MaXpeedingrods 3500W Inverter Generator.

## WARRANTY AND SUPPORT

MaXpeedingrods provides a **2-year warranty** on all inverter generators against defects in workmanship under normal use, starting from the date of retail purchase by the original end-user purchaser. This warranty ensures peace of mind regarding your investment.

In addition to the warranty, you receive **free lifetime technical support and customer service**. Should you encounter any issues during installation, operation, maintenance, or storage, comprehensive assistance is available.

For further details or support, please refer to the complete user manual included with your product or contact MaXpeedingrods customer service directly.