

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

- › [Pramac](#) /
- › [Pramac PMi 2500 Inverter Portable Generator User Manual](#)

Pramac PMi2500

Pramac PMi 2500 Inverter Portable Generator User Manual

Model: PMi2500

INTRODUCTION

Welcome to your new Pramac PMi 2500 inverter portable generator. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your generator. Please read this manual thoroughly before operating the unit and keep it for future reference.



SAFETY INFORMATION

Your safety and the safety of others are very important. This manual contains important safety messages. Always read and follow all safety messages to prevent serious injury or death.

General Safety Rules

- Read all instructions before operating the generator.
- Operate the generator only in a well-ventilated outdoor area. Never operate indoors or in enclosed spaces.
- Keep children and pets away from the generator during operation.
- Fuel is highly flammable. Handle gasoline with extreme care.
- Do not refuel while the engine is running or hot. Allow the generator to cool down before adding fuel.
- Wear appropriate personal protective equipment, such as gloves and eye protection, when performing maintenance.
- Ensure the generator is placed on a level, stable surface during operation.

Carbon Monoxide Hazard

Generators produce carbon monoxide (CO), a colorless, odorless, poisonous gas that can kill you in minutes. Operating a generator indoors, even with doors and windows open, can lead to dangerous levels of CO. **ALWAYS use outdoors, far from windows, doors, and vents.**

COMPONENTS AND CONTROLS

Familiarize yourself with the various parts and controls of your Pramac PMi 2500 generator before operation.

Key Components

- **Fuel Tank Cap:** Located on top of the fuel tank, used for adding gasoline.
- **Choke Lever:** Used to enrich the fuel mixture for cold starting.
- **Engine Switch:** Controls the engine's ON/OFF state.
- **Recoil Starter:** The manual pull-start handle for the engine.
- **AC Outlets:** Receptacles for connecting electrical devices (e.g., 230V outlets).
- **Oil Fill Cap/Dipstick:** Used to check and add engine oil.
- **Air Filter Cover:** Protects the air filter, which needs periodic cleaning.
- **Muffler:** Exhaust system component that reduces engine noise.
- **Circuit Breakers:** Protect the generator from overload.

SETUP

Before starting your generator for the first time, follow these essential setup steps.

1. Unpacking

Carefully remove the generator from its packaging. Inspect the unit for any signs of shipping damage. Report any damage to your dealer immediately.

2. Adding Engine Oil

The generator is shipped without engine oil. It is crucial to add the recommended type and amount of oil before the first use to prevent engine damage.

1. Place the generator on a firm, level surface.
2. Remove the oil fill cap/dipstick.
3. Slowly add the recommended engine oil (e.g., SAE 10W-30) to the upper limit mark on the dipstick. Do not overfill.
4. Securely replace the oil fill cap/dipstick.

3. Adding Fuel

Use fresh, unleaded gasoline with an octane rating of 87 or higher. Do not use E85 or mixed fuels.

1. Ensure the engine is off and has cooled down completely.
2. Remove the fuel tank cap.
3. Fill the fuel tank slowly, leaving a small space (approximately 1 inch) from the top for fuel expansion. Do not overfill.
4. Securely replace the fuel tank cap. Wipe up any spilled fuel immediately.

OPERATING INSTRUCTIONS

Starting the Engine

1. Ensure the generator is on a level surface and all electrical loads are disconnected from the AC outlets.
2. Turn the engine switch to the **"ON"** position.
3. Move the choke lever to the **"CHOKE"** position (for cold starts). For a warm engine, the choke may not be necessary.
4. Pull the recoil starter handle slowly until resistance is felt, then pull briskly with a full arm stroke. Do not let the handle snap back; guide it gently.
5. Once the engine starts, gradually move the choke lever to the **"RUN"** position.
6. Allow the engine to warm up for a few minutes before connecting any electrical loads.

Connecting Electrical Loads

After the engine has warmed up, you can connect your electrical appliances. Ensure the total wattage of all connected devices does not exceed the generator's rated output of 2300 Watts.

- Plug your appliances into the appropriate AC outlets.
- Monitor the generator for any signs of overload (e.g., engine struggling, circuit breaker tripping).

Stopping the Engine

1. Disconnect all electrical loads from the generator.
2. Turn the engine switch to the **"OFF"** position.
3. Allow the generator to cool down before storing.

MAINTENANCE

Regular maintenance is crucial for ensuring optimal performance, reliability, and extending the lifespan of your Pramac PMi 2500 generator.

Maintenance Schedule

Item	First 20 Hours	Every 50 Hours / 3 Months	Every 100 Hours / 6 Months	Every 300 Hours / Annually
Check Engine Oil		✓		
Change Engine Oil	✓		✓	
Clean Air Filter		✓		
Check Spark Plug			✓	
Clean Fuel Filter				✓

Engine Oil Change Procedure

1. Run the engine for a few minutes to warm the oil, then stop the engine.
2. Place a suitable drain pan under the oil drain plug.
3. Remove the oil drain plug and the oil fill cap/dipstick to allow the oil to drain completely.
4. Once drained, reinstall the oil drain plug securely.
5. Refill with new, recommended engine oil to the upper limit mark on the dipstick.

Air Filter Cleaning Procedure

1. Remove the air filter cover.
2. Carefully remove the foam filter element.
3. Wash the element in warm, soapy water, rinse thoroughly, and allow it to dry completely.
4. Lightly oil the element with clean engine oil, then squeeze out any excess oil.
5. Reinstall the filter element and secure the air filter cover.

TROUBLESHOOTING

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

Engine Does Not Start

- **No Fuel:** Check the fuel level and add fresh gasoline if necessary.
- **Low Engine Oil:** Check the engine oil level and add oil if it is below the recommended mark. The generator may have a low-oil shutdown feature.
- **Incorrect Choke Position:** Ensure the choke lever is in the correct position for starting (CHOKE for cold, RUN for warm).
- **Engine Switch Off:** Verify the engine switch is in the "ON" position.
- **Fouled Spark Plug:** Inspect the spark plug for fouling or damage. Clean or replace if needed.

No Power Output from AC Outlets

- **Overload:** Disconnect some electrical loads. The generator may have been overloaded, causing the circuit breaker to trip.
- **Tripped Circuit Breaker:** Check if any circuit breakers have tripped. Reset them by pushing them back in.
- **Engine Speed:** Ensure the engine is running smoothly at its normal operating speed.

SPECIFICATIONS

Technical specifications for the Pramac PMi 2500 Inverter Portable Generator.

Feature	Detail
Model	PMi2500
Type	Inverter Portable Generator
Rated Power Output	2300 Watt
Engine Type	4-stroke OHV
Fuel Type	Gasoline
Starting System	Recoil (Pull Start)
Voltage	230V
Dimensions (L x W x H)	55.5 x 47 x 30 cm
Weight	1 g <i>(Note: This weight appears to be a placeholder. Refer to product packaging for actual weight.)</i>
Article Code	PR222SX1000

WARRANTY AND SUPPORT

For detailed warranty information, please refer to the warranty documentation included with your purchase. It is important to retain your purchase receipt as proof of purchase for any warranty claims.

Customer Support

For technical assistance, spare parts, or service inquiries, please contact your authorized Pramac dealer or visit the official Pramac website for support resources and contact information.

Always provide your generator's model number (PMi2500) and serial number when contacting support to ensure efficient service.

PRODUCT VIDEOS

Watch these official videos for additional guidance on your Pramac PMi 2500 generator.

Your browser does not support the video tag.

Video 1: General overview and features of the Pramac PMi 2500 generator.

Your browser does not support the video tag.

Video 2: Detailed guide on setting up and starting the generator for the first time.

Your browser does not support the video tag.

Video 3: Instructions for routine maintenance, including oil changes and air filter cleaning.

Your browser does not support the video tag.

Video 4: Troubleshooting common issues and solutions for generator operation.

Your browser does not support the video tag.

Video 5: Safety guidelines and best practices for operating portable generators.

Your browser does not support the video tag.

Video 6: Connecting electrical loads and understanding power output.

Your browser does not support the video tag.

Video 7: Proper storage procedures for your Pramac PMi 2500 generator.

Your browser does not support the video tag.

Video 8: Advanced tips for maximizing generator efficiency and lifespan.

Your browser does not support the video tag.

Video 9: Overview of the inverter technology and its benefits for sensitive electronics.