

Total TP130005-1

Total TP130005-1 Gasoline Generator User Manual

INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Total TP130005-1 Gasoline Generator. Please read this manual thoroughly before operating the generator and keep it for future reference.

SAFETY INFORMATION

WARNING: Failure to follow these safety instructions can result in serious injury or death.

- **Carbon Monoxide Hazard:** Generators produce carbon monoxide, a colorless, odorless, poisonous gas. Operate generators outdoors only, far away from windows, doors, and vents.
- **Fire Hazard:** Gasoline is highly flammable. Refuel in a well-ventilated area with the engine off and cool. Do not smoke or use open flames near the generator.
- **Electrical Shock Hazard:** Do not operate the generator in wet conditions. Ensure proper grounding. Never connect the generator directly to your home's electrical system without a transfer switch installed by a qualified electrician.
- Keep children and pets away from the generator during operation.
- Wear appropriate personal protective equipment (PPE) when operating or maintaining the generator.

PRODUCT OVERVIEW

The Total TP130005-1 is a robust gasoline-powered generator designed for reliable power supply. Key features include:

- Oil level sensor and air filter for engine protection.
- Operates on 92 octane gasoline.
- Electronic control unit for stable voltage output.
- Smart overload protection to prevent damage from high starting currents or prolonged use.
- Low oil shutdown system to prevent engine wear.

- Integrated electric starter and battery for easy starting, complemented by a manual recoil starter.
- Extended muffler and vibration damping system for reduced noise levels.
- Enlarged metal fuel tank with a fuel level indicator.
- 100% copper alternator for stable current generation, high energy efficiency, and excellent heat dissipation.
- Voltmeter to indicate output voltage.



Image: Total TP130005-1 Gasoline Generator. This view shows the overall structure and key dimensions: 60.5cm length, 44.5cm width, and 46.5cm height.

SETUP

1. **Unpacking and Inspection:** Carefully remove the generator from its packaging. Inspect for any shipping damage. Ensure all components listed in the packing list are present.
2. **Add Engine Oil:** Locate the oil fill cap/dipstick. Add the recommended engine oil (refer to the engine manual for specific type and quantity, typically 10W-30 or 10W-40 for general purpose engines) until it reaches the full mark on the dipstick. **Do not overfill.**
3. **Add Fuel:** Ensure the generator is off and cool. Open the fuel cap and carefully pour 92 octane gasoline into the fuel tank. Do not fill above the fuel level indicator. **Do not use E85 or other ethanol blends not**

approved for small engines.

4. **Connect Battery (for Electric Start):** If your model includes an electric start, connect the battery terminals, ensuring correct polarity (red to positive, black to negative).
5. **Grounding:** Connect a grounding wire from the generator's grounding terminal to a suitable ground source (e.g., a ground rod). This is crucial for safety.

OPERATING INSTRUCTIONS

Starting the Engine

1. **Pre-Start Checklist:**
 - Ensure the generator is on a level surface.
 - Check oil and fuel levels.
 - Ensure all electrical loads are disconnected from the generator.
 - Open the fuel valve.
 - Set the engine switch to "ON".
 - Move the choke lever to the "CHOKE" position (if the engine is cold).
2. **Electric Start:** Press and hold the electric start button until the engine starts. Release the button immediately once started.
3. **Manual (Recoil) Start:** Pull the recoil starter handle slowly until resistance is felt, then pull sharply and quickly. Repeat if necessary until the engine starts.
4. Once the engine starts, gradually move the choke lever to the "RUN" position as the engine warms up.

Connecting Loads

After the engine has warmed up (typically 2-3 minutes), you can connect your electrical appliances. Do not exceed the generator's rated output (2.8 kW continuous, 3.0 kW maximum). Connect appliances one at a time.

Stopping the Engine

1. Disconnect all electrical loads from the generator.
2. Allow the generator to run for a few minutes without load to cool down.
3. Set the engine switch to "OFF".
4. Close the fuel valve.

MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your generator.

- **Engine Oil:** Check oil level before each use. Change oil after the first 20 hours of operation, then every 50-100 hours or annually, whichever comes first.
- **Air Filter:** Inspect the air filter every 50 hours or more frequently in dusty conditions. Clean or replace as needed.
- **Spark Plug:** Inspect and clean the spark plug every 100 hours. Replace if worn or fouled.
- **Fuel Filter:** Inspect and clean the fuel filter periodically.
- **Cleaning:** Keep the generator clean and free of debris. Do not use water to clean the engine while it is

running or hot.

- **Storage:** For long-term storage, drain the fuel tank and carburetor, or add a fuel stabilizer. Store in a dry, well-ventilated area.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Engine will not start	No fuel; Low oil level; Choke not set correctly; Engine switch OFF; Spark plug issue; Battery low (electric start)	Add fuel; Add oil; Adjust choke; Turn engine switch ON; Check/replace spark plug; Charge/check battery
No power output	Overload protection tripped; Circuit breaker tripped; Loose connections	Reduce load; Reset circuit breaker; Check and secure connections
Engine runs rough	Stale fuel; Clogged air filter; Dirty spark plug	Drain and replace fuel; Clean/replace air filter; Clean/replace spark plug

SPECIFICATIONS

Feature	Detail
Brand	Total
Model Number	TP130005-1
Rated Voltage	220-240V
Rated AC Frequency	50 Hz
Max Output	3.0 kW
Rated Output	2.8 kW
Engine Type	4-stroke, OHV
Starting System	Recoil + Electric Start
Alternator Material	100% Copper
Fuel Tank Capacity	15 L
Dry Weight	46.5 kg
Product Dimensions (L x W x H)	60.5 x 44.5 x 46.5 cm
Fuel Type	Gasoline (92 Octane recommended)
Special Features	Electric Starter, Overload Protection, Muffler, Low Oil Sensor

WARRANTY AND SUPPORT

Warranty information for your Total TP130005-1 Gasoline Generator is typically provided with your purchase documentation. Please refer to these documents for details regarding warranty coverage, terms, and conditions.

For technical support, spare parts, or service inquiries, please contact Total customer service or an authorized service center. Contact details can usually be found on the product packaging or the official Total website.