

## Total TP155001

# TOTAL Gasoline Generator TP155001 User Manual

Model: TP155001 | 5000W, 13HP, 25L Tank

## 1. INTRODUCTION AND OVERVIEW

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your TOTAL Gasoline Generator, model TP155001. This powerful 5000W generator, equipped with a 13HP engine and a 25L fuel tank, is designed to provide reliable power for various applications, from home backup to commercial use.

Key features include AVR (Automatic Voltage Regulation) for stable power output, overload protection for safety, and a robust 4-stroke engine. Please read this manual thoroughly before operating the generator to ensure proper use and to prevent injury or damage.

## 2. SAFETY INFORMATION

**WARNING: Failure to follow these safety instructions could 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. Never operate indoors, in a garage, or in any enclosed space.
- **Fire Hazard:** Gasoline is highly flammable. Always refuel in a well-ventilated area with the engine off and cool. Do not smoke or allow open flames near the generator. Store fuel in approved containers.
- **Electrical Shock Hazard:** Never operate the generator in wet conditions. Ensure proper grounding. Do not touch the generator or connected cords with wet hands. Use only approved extension cords that are rated for outdoor use and the generator's power output.
- **Hot Surfaces:** The engine and muffler become very hot during operation and remain hot for some time after shutdown. Avoid contact to prevent burns.
- **Moving Parts:** Keep hands, feet, hair, and clothing away from moving parts to prevent injury.
- **Children and Pets:** Keep children and pets away from the generator at all times.
- **Overload Protection:** Do not overload the generator. Overloading can damage the generator and connected devices. The generator is equipped with overload protection.

### 3. PRODUCT FEATURES

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The TOTAL TP155001 Gasoline Generator is engineered with features designed for performance, durability, and user convenience:

- **High Power Output:** Provides a maximum output of 5500W (5.5 KW) and a rated output of 5000W, suitable for a wide range of tools and appliances.
- **Powerful Engine:** Equipped with a robust 13HP, 4-stroke gasoline engine for reliable and consistent power.
- **Automatic Voltage Regulation (AVR):** Ensures stable voltage output, protecting sensitive electronics from power fluctuations.
- **Overload Protection:** Built-in circuit breaker automatically shuts off power if the generator is overloaded, preventing damage to the unit and connected devices.
- **Large Fuel Tank:** Features a 25-liter fuel tank for extended run times.
- **Electric Start:** For convenient and easy starting.
- **Durable Construction:** Housed in a sturdy metal frame with wheels and handles for portability.
- **100% Copper Coil Alternator:** Ensures efficient power generation and durability.

# 5.0kW



## 4 Stroke Engine



## Gasoline



## Electric Start



## 100% Copper Coil Alternator

Image: The TOTAL TP155001 generator showcasing its 5.0kW output, 4-stroke engine, gasoline fuel type, electric start, and 100% copper coil alternator.

## 4. COMPONENTS AND CONTROLS

Familiarize yourself with the main components and control panel of your generator:



Image: An overall view of the TOTAL TP155001 Gasoline Generator, showing its robust frame, fuel tank, engine, and control panel.



Image: A close-up of the control panel on the TOTAL TP155001 generator, detailing the engine switch, voltmeter, AC 220-240V-50Hz outlets, and circuit breaker.



- **Fuel Tank:** Located on top of the generator, with a capacity of 25 liters.
- **Fuel Cap:** For filling the fuel tank.
- **Engine Switch:** Controls the engine's ignition (ON/OFF).
- **Voltmeter:** Displays the output voltage of the generator.
- **AC Outlets (220-240V, 50Hz):** Receptacles for connecting electrical devices.
- **Circuit Breaker:** Protects the generator from overload by tripping when current exceeds safe limits.
- **Oil Sensor/Low Oil Shutoff:** Automatically stops the engine if oil level is too low.
- **Choke Lever:** Used for starting a cold engine.
- **Recoil Starter (Pull Start):** For manual starting.
- **Electric Start Button/Key Switch:** For electric starting (requires battery).
- **Battery:** 12V 9Ah battery for electric start.
- **Air Filter:** Filters air entering the engine.
- **Muffler:** Reduces engine noise and directs exhaust gases.
- **Wheels and Handles:** For easy transportation.

## 5. SETUP

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Before first use, or after extended storage, proper setup is crucial.

### 5.1 Unpacking and Assembly

- Carefully remove the generator from its packaging.
- Inspect for any shipping damage. Contact your dealer immediately if damage is found.
- Assemble the wheels and handles if they are not pre-installed, following the instructions in the separate assembly guide (if provided).

### 5.2 Adding Engine Oil

The generator is shipped without engine oil. You must add the correct amount and type of oil before starting.

1. Place the generator on a level surface.
2. Locate the oil fill cap/dipstick (usually near the engine).
3. Remove the cap/dipstick and slowly add recommended engine oil (e.g., SAE 10W-30) until it reaches the upper mark on the dipstick. Do not overfill.
4. Securely replace the oil fill cap/dipstick.

### 5.3 Adding Fuel

**WARNING: Use fresh, unleaded gasoline only. Do not use E85 or a gasoline/oil mixture. Do not overfill.**

1. Ensure the engine is off and cool.
2. Move the generator to a well-ventilated outdoor area.
3. Unscrew the fuel cap.

4. Carefully pour gasoline into the fuel tank, using a funnel if necessary, up to the fill limit (do not fill to the very top of the neck).
5. Securely replace the fuel cap. Wipe up any spilled fuel immediately.

## 5.4 Connecting the Battery (for Electric Start)

If the battery is not pre-connected, connect the positive (+) terminal (red cable) to the positive (+) battery post and the negative (-) terminal (black cable) to the negative (-) battery post. Ensure connections are tight.

## 5.5 Grounding the Generator

For safety, the generator must be properly grounded. Connect a heavy-gauge copper wire from the generator's grounding terminal to an external grounding rod driven into the earth.

# 6. OPERATING INSTRUCTIONS

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## 6.1 Pre-Start Checklist

- Check engine oil level.
- Check fuel level.
- Ensure all electrical devices are disconnected from the generator outlets.
- Verify the generator is on a level surface and in a well-ventilated outdoor area.
- Confirm proper grounding.

## 6.2 Starting the Engine (Electric Start)

1. Turn the fuel valve to the "ON" position.
2. Move the choke lever to the "CHOKE" position (if engine is cold).
3. Turn the engine switch to the "ON" position.
4. Press and hold the electric start button (or turn the key) until the engine starts. Do not crank for more than 5 seconds at a time. If it doesn't start, wait 10 seconds before trying again.
5. Once the engine starts, slowly move the choke lever to the "RUN" position.

## 6.3 Starting the Engine (Recoil Start)

1. Follow steps 1-3 from Electric Start.
2. Grasp the recoil starter handle firmly and pull slowly until resistance is felt, then pull quickly and smoothly. Repeat until the engine starts.
3. Once the engine starts, slowly move the choke lever to the "RUN" position.

## 6.4 Connecting Electrical Loads

Allow the engine to run for a few minutes to warm up before connecting any electrical devices.

1. Ensure the circuit breaker on the generator is in the "ON" position.
2. Plug in your electrical devices or extension cords into the AC outlets.
3. Do not exceed the generator's rated wattage (5000W continuous, 5500W max).

## 6.5 Shutting Down the Generator

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

## 7. MAINTENANCE

Regular maintenance is essential for optimal performance and longevity of your generator. Always perform maintenance with the engine off and cool.

### 7.1 Maintenance Schedule

| Item                    | Before Each Use | Every 25 Hours / Monthly       | Every 100 Hours / Annually |
|-------------------------|-----------------|--------------------------------|----------------------------|
| Check Engine Oil Level  | ✓               |                                |                            |
| Change Engine Oil       |                 | First 20 hours, then as needed | ✓                          |
| Clean Air Filter        |                 | ✓                              |                            |
| Inspect Spark Plug      |                 |                                | ✓                          |
| Inspect Fuel Filter     |                 |                                | ✓                          |
| Check Battery Terminals |                 | ✓                              |                            |

### 7.2 Storage

For long-term storage (more than 30 days):

- Drain the fuel tank and carburetor, or add a fuel stabilizer.
- Change the engine oil.
- Remove the spark plug and pour a small amount of engine oil into the cylinder. Pull the recoil starter a few times to distribute the oil, then reinstall the spark plug.
- Clean the generator exterior.
- Store in a clean, dry, well-ventilated area, away from direct sunlight and heat sources.

## 8. TROUBLESHOOTING

This section provides solutions to common operational issues. For problems not listed here, contact qualified service personnel.

| Problem | Possible Cause | Solution |
|---------|----------------|----------|
|---------|----------------|----------|

| Problem                       | Possible Cause  | Solution   |
|-------------------------------|---|--|
| Engine will not start         | No fuel<br>Low oil level<br>Engine switch OFF<br>Choke not set correctly<br>Spark plug faulty<br>Battery low (for electric start) | Add fresh fuel<br>Add engine oil<br>Turn engine switch to ON<br>Adjust choke<br>Clean or replace spark plug<br>Charge or replace battery |
| No power output               | Circuit breaker tripped<br>Overload<br>Faulty connection  | Reset circuit breaker<br>Reduce load<br>Check connections  |
| Engine stops during operation | Out of fuel<br>Low oil level<br>Overload<br>Dirty air filter  | Add fuel<br>Add engine oil<br>Reduce load<br>Clean air filter  |
| Engine runs rough             | Stale fuel<br>Dirty air filter<br>Spark plug issues   | Drain and refill with fresh fuel<br>Clean air filter<br>Inspect/clean/replace spark plug   |

## 9. SPECIFICATIONS

| Specification      | Value                                     |
|--------------------|---|
| Model              | TP155001                                  |
| Brand              | TOTAL                                     |
| Rated Output       | 5000W (5.0 KW)                            |
| Max Output         | 5500W (5.5 KW)                            |
| Engine Type        | 13HP, 4-Stroke, Gasoline                  |
| Voltage            | 230-240V AC                               |
| Frequency          | 50Hz                                      |
| Fuel Tank Capacity | 25 Liters                                 |
| Starting System    | Electric Start / Recoil Start             |
| Special Features   | AVR, Overload Protection, Low Oil Shutoff |
| Item Weight        | 77 Kilograms                              |
| Package Dimensions | 70 x 56 x 53 cm                           |
| Color              | Green                                     |
| Material           | Metal                                     |

## 10. WARRANTY AND SUPPORT



For warranty information, please refer to the warranty card included with your product or contact your authorized TOTAL dealer. Keep your purchase receipt as proof of purchase.

For technical support, spare parts, or service inquiries, please contact TOTAL customer service or visit the official TOTAL website. Provide your model number (TP155001) and serial number (if applicable) when contacting support.

You can visit the official Total Store for more information: [Total Store on Amazon](#)

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