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## Champion Power Equipment 500559-EU

# Champion Power Equipment 3200 Watt Gasoline Generator

MODEL: 500559-EU USER MANUAL

## Introduction

This manual provides essential information for the safe operation, maintenance, and troubleshooting of your Champion Power Equipment 3200 Watt Gasoline Generator, Model 500559-EU. Please read this manual thoroughly before operating the generator to ensure proper use and to prevent injury or damage.

With a maximum of 3200 watts and 2800 running watts, this generator provides reliable performance with up to 12 hours of runtime at 50% load. It is suitable for powering RV trips, garden projects, or home appliances. The smart digital display and low oil shutdown sensor simplify maintenance and ensure extended lifespan. AVR technology produces stable output signals, protecting electrical components from surges or harmful fluctuations. This Champion generator features a simple pull-start mechanism and a robust, portable frame with anti-vibration mounts for enhanced protection and reliability.

## Safety Information

### WARNING: Carbon Monoxide Hazard

- Generators produce carbon monoxide, a colorless, odorless, poisonous gas. Operating a generator indoors can kill you in minutes.
- ALWAYS use the generator outdoors and far away from windows, doors, and vents.

### WARNING: Electrical Shock Hazard

- Never operate the generator in wet conditions. Keep the generator dry.
- Do not touch the generator or any electrical cords with wet hands.
- Ensure proper grounding to prevent electrical shock.

### WARNING: Fire Hazard

- Gasoline is highly flammable. Store fuel in an approved container in a well-ventilated area.
- Do not refuel a hot or running engine. Allow the generator to cool before refueling.
- Keep flammable materials away from the generator during operation.

## Product Overview and Features

The Champion Power Equipment 3200 Watt Gasoline Generator is designed for portability and reliable power. Key features include:

- 224cc gasoline engine with up to 12 hours of runtime at 50% load, providing uninterrupted power and reducing the need for frequent refueling.
- Reliable Champion engine with 2800 running watts, offering a dependable power source for various needs.
- Low oil shutdown sensor protects the engine by automatically stopping operation when oil levels are low, ensuring longevity and minimizing maintenance issues. Oil capacity is 600 ml.
- Multiple outlets, including 2 x 220V 16A, allow powering multiple devices simultaneously, enhancing energy distribution and convenience.
- Noise level of 68 dBA at 7 meters, providing quieter operation suitable for various environments.

# ★ Merkmale



A full view of the Champion Power Equipment 3200 Watt Gasoline Generator. The generator is yellow and black, featuring a sturdy frame and wheels. The top panel displays '3200 MAX WATTS' and '2800 RUNNING WATTS'. The control panel includes an 'INTELLIGAUGE' display and several power outlets.

**KALTER START**  
Startet leicht bei kaltem Wetter

**VOLT GUARD**  
Schützt vor Stromstößen

**2,5CM STAHLRAHMEN**  
Robust und langlebig

**INTELLIGAUGE**  
X-Mode Display

Figure 1: A full view of the Champion Power Equipment 3200 Watt Gasoline Generator, showing its yellow and black design with wheels and a sturdy frame.



# Dimensionen



46.3 kg



Figure 2: A detailed view highlighting key features of the generator, including Cold Start capability, Volt Guard surge protection, a 2.5cm steel frame, and an Intelligauge X-Mode Display.



Figure 3: An image displaying the dimensions of the generator: 59cm height, 50.6cm width, and 46.4cm depth, with a total weight of 46.3 kg.



Figure 4: A three-quarter front view of the generator, showcasing the control panel with various outlets and the manual pull-start mechanism.

## Setup

- 1. Unpacking:** Carefully remove the generator from its packaging. Inspect for any shipping damage.
- 2. Add Engine Oil:** Locate the oil fill cap/dipstick. Add 600 ml of recommended engine oil (refer to specifications for oil type) until it reaches the upper mark on the dipstick. Do not overfill.
- 3. Add Fuel:** Ensure the generator is off and cool. Fill the fuel tank with fresh, unleaded gasoline. Do not overfill. The tank capacity is 17.8 liters.
- 4. Positioning:** Place the generator on a firm, level surface outdoors, away from any combustible materials, buildings, or vents. Ensure adequate ventilation.
- 5. Grounding:** Connect a grounding wire from the generator's grounding terminal to a suitable ground source (e.g., a ground rod).

## Operating Instructions

### 1. Starting the Engine:

- Ensure the fuel valve is open.
- Set the engine switch to the 'ON' position.
- If cold, apply choke.
- Pull the recoil starter handle firmly and smoothly until the engine starts.
- Once started, gradually push the choke back to the 'OFF' position.

### 2. Connecting Electrical Devices:

- Allow the engine to run for a few minutes to stabilize.

- Plug in your electrical devices to the appropriate outlets (2 x 220V 16A).
- Do not overload the generator. Monitor the Intelligauge display for load levels.

### 3. Stopping the Engine:

- Disconnect all electrical loads.
- Set the engine switch to the 'OFF' position.
- Close the fuel valve for storage.

## Maintenance

Regular maintenance ensures the longevity and optimal performance of your generator.

- **Engine Oil:** Check oil level before each use. Change oil after the first 20 hours of operation, then every 100 hours or annually.
- **Air Filter:** Inspect the air filter every 50 hours or more often in dusty conditions. Clean or replace as needed.
- **Spark Plug:** Inspect and clean the spark plug every 100 hours. Replace if worn or damaged.
- **Fuel Filter:** Inspect the fuel filter periodically and replace if clogged.
- **Storage:** For extended storage, drain the fuel tank and carburetor, or use 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; Spark plug issue	Add fuel; Add oil; Adjust choke; Clean/replace spark plug
No power output	Circuit breaker tripped; Overload; Loose connections	Reset circuit breaker; Reduce load; Check connections
Engine runs rough	Stale fuel; Clogged air filter; Dirty spark plug	Use fresh fuel; Clean/replace air filter; Clean/replace spark plug

If problems persist after attempting these solutions, contact qualified service personnel.

## Specifications

- **Model Number:** 500559-EU
- **Brand:** Champion Power Equipment
- **Maximum Wattage:** 3200 watts
- **Running Wattage:** 2800 watts
- **Engine Displacement:** 224 cc
- **Fuel Type:** Gasoline
- **Fuel Tank Capacity:** 17.8 liters
- **Oil Capacity:** 600 ml
- **Voltage:** 220 Volt
- **Outlets:** 2 x 220V 16A
- **Special Feature:** AVR Technology (Automatic Voltage Regulation)

- **Noise Level:** 68 dBA at 7 meters
- **Dimensions (H x W x D):** 59 cm x 50.6 cm x 46.4 cm (approximate)
- **Weight:** 46.3 kg (approximate)

## Warranty and Support

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For warranty information and technical support, please refer to the documentation included with your purchase or visit the official Champion Power Equipment website. Keep your proof of purchase for warranty claims.