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[Instruction Manual](#)

Champion Power Equipment 200987

Champion Power Equipment 4500-Watt Wireless Remote Start RV Ready Portable Inverter Generator (Model 200987) Instruction Manual

1. INTRODUCTION AND OVERVIEW

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Champion Power Equipment 4500-Watt Portable Inverter Generator, Model 200987. This ultra-quiet inverter generator is designed for various applications, including camping, tailgating, RV power, and providing backup for essential items. It features wireless remote start, quiet technology, and clean power output suitable for sensitive electronics.



Figure 1.1: Champion Power Equipment 4500-Watt Portable Inverter Generator.

2. KEY FEATURES

- **Wireless Remote Start:** Start and stop the generator from up to 80 feet away using the included wireless remote key fob.
- **Quiet Technology:** Operates at an ultra-quiet 61 dBA from 23 feet, comparable to normal conversation levels, making it suitable for noise-sensitive environments.
- **RV Ready:** Equipped with a 120V 30A RV (TT-30R) outlet for direct RV connection.
- **Clean Power:** Produces less than 3% Total Harmonic Distortion (THD), ensuring safe operation for sensitive electronics.
- **Intelligauge:** Digital display monitors voltage, frequency, and operating hours for easy tracking.
- **EZ Start Dial:** Simplifies the startup process with an intuitive control dial.
- **Economy Mode:** Monitors power consumption in real-time, reducing engine wear, noise, and improving fuel efficiency.
- **Parallel Ready:** Can be connected with another 2800-watt or higher Champion inverter (optional parallel kit sold separately) to double output power.
- **CO Shield:** Carbon Monoxide Auto-Shutoff sensor automatically turns off the generator if dangerous levels of carbon monoxide are detected.
- **Extended Run Time:** Runs for up to 14 hours at 25% load on a 2.3-gallon fuel tank.

- **Portability:** Features never-flat tires and a fold-down handle for easy transport.



Figure 2.1: Visual representation of the generator's key features.

3. SETUP

Before operating your generator, ensure all components are correctly assembled and fluids are at appropriate levels.

3.1 Unpacking and Initial Inspection

- Carefully remove the generator and all accessories from the packaging.
- Inspect for any shipping damage. Contact customer support immediately if damage is found.
- Ensure all included accessories are present: wireless remote key fob, dual port USB adapter, and 10W-30 engine oil.

+ ACCESSORIES



INCLUDED IN THE BOX!



Figure 3.1: Included accessories for the generator.

3.2 Add Engine Oil

The generator is shipped without engine oil. It is crucial to add the correct amount and type of oil before the first start.

- Locate the oil fill cap/dipstick on the side of the engine.
- Remove the oil fill cap.
- Using the provided 0.5-quart (10W-30) engine oil, carefully pour the oil into the engine. Do not overfill.
- Check the oil level using the dipstick; it should be at the upper limit.
- Securely replace the oil fill cap.

3.3 Add Fuel

Use only clean, fresh, unleaded gasoline with an octane rating of 87 or higher.

- Ensure the generator is on a level surface and the engine is off and cool.
- Remove the fuel cap.
- Slowly add gasoline to the fuel tank, being careful not to overfill. The tank capacity is 2.3 gallons.
- Securely replace the fuel cap.

3.4 Connect Battery (if applicable)

The generator includes a Lithium Ion battery for electric start. Ensure it is properly connected before use.

- Locate the battery compartment (refer to the full operator's manual for exact location).
- Connect the battery terminals as instructed in the manual.

4. OPERATING INSTRUCTIONS

Always operate the generator in a well-ventilated outdoor area, away from windows, doors, and vents.

4.1 Starting the Generator

The EZ Start Dial simplifies the starting process.

- Ensure the generator is on a level surface.
- Turn the EZ Start Dial to the "CHOKE" position for a cold start.
- For electric start, press and hold the start button on the control panel or use the wireless remote key fob.
- Once the engine starts, slowly turn the EZ Start Dial to the "RUN" position.
- For manual recoil start, pull the recoil handle firmly until the engine starts.



Figure 4.1: Generator Control Panel with EZ Start Dial and outlets.

4.2 Wireless Remote Start

The wireless remote key fob allows convenient starting and stopping from a distance.

- Ensure the generator's main power switch is in the "ON" position.
- Press the "START" button on the remote key fob.
- To stop, press the "STOP" button on the remote key fob.

4.3 Economy Mode

Activate Economy Mode to optimize fuel consumption and reduce noise during light loads.

- Press the "ECO" button on the control panel to activate/deactivate.
- The generator will automatically adjust engine speed based on the electrical load.

4.4 Connecting Electrical Devices

The generator offers various outlets for different power needs.

- **120V 30A RV (TT-30R):** For connecting RVs.
- **Two 120V 20A Household Outlets (5-20R):** For standard household appliances.
- **12V Automotive-Style Outlet:** For 12V DC devices.
- **Dual Port USB Adapter:** For charging USB-powered devices.

Always ensure the total load does not exceed the generator's running wattage (3500 Watts).



Figure 4.2: Generator in operation, providing power to a home.

5. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your generator.

5.1 Engine Oil Change

Change the engine oil after the first 5 hours of operation, and then every 100 hours or annually thereafter.

- Ensure the engine is warm but not hot.
- Place a drain pan under the oil drain tube.
- Remove the oil drain tube cap and allow the oil to drain completely.
- Replace the drain tube cap and add fresh 10W-30 engine oil (0.5-quart capacity).

5.2 Air Filter Cleaning

Check and clean the air filter regularly, especially in dusty conditions.

- Remove the no-tool access panel to access the air filter.
- Remove the air filter element and clean it with warm, soapy water. Rinse thoroughly and allow to air dry completely.
- Reinstall the dry air filter element and secure the access panel.

5.3 Spark Plug Inspection

Inspect the spark plug every 100 hours or annually.

- Remove the spark plug cap and use a spark plug wrench to remove the spark plug.
- Inspect for wear, carbon buildup, or damage. Clean or replace as necessary.
- Ensure the spark plug gap is correct before reinstalling.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your generator.

6.1 CO Shield Auto-Shutoff

The CO Shield sensor is a safety feature designed to protect against dangerous carbon monoxide levels.

- If the generator shuts off unexpectedly and the CO Shield indicator light is on, move the generator to a well-ventilated outdoor area.
- Allow the generator to cool down before attempting to restart.
- Never operate the generator indoors or in enclosed spaces.

6.2 Overload Protection

If the generator is overloaded, the circuit breakers will trip to protect the unit and connected devices.

- Reduce the electrical load by unplugging some devices.
- Press the reset button on the control panel for the tripped circuit breaker.
- If the breaker continues to trip, further reduce the load or inspect devices for faults.

6.3 Engine Not Starting

If the engine fails to start, check the following:

- Ensure there is sufficient fuel in the tank.
- Check the engine oil level; the low oil shut-off sensor will prevent starting if the oil is too low.
- Confirm the EZ Start Dial is in the correct "CHOKE" or "RUN" position.
- Inspect the spark plug for fouling or damage.

7. SPECIFICATIONS

Specification	Value
Brand	Champion Power Equipment
Model Name	4500-Watt RV Ready
Model Number	200987
Starting Wattage	4500 Watts
Running Wattage	3500 Watts
Fuel Type	Gasoline
Fuel Tank Volume	2.3 Gallons
Engine Type	4 Stroke
Engine Displacement	212 Cubic Centimeters
Oil Capacity	0.5 Quart (10W-30 included)
Noise Level	61 dBA (from 23 feet)
Run Time (25% load)	Up to 14 hours
Voltage	120 Volts
Total Power Outlets	5 (1x 30A RV, 2x 20A Household, 1x 12V, 1x Dual USB)
Item Weight	97 Pounds
Product Dimensions	23.2"L x 17.7"W x 20.1"H
Special Feature	Portable, Wireless Remote Start, Quiet Technology, RV Ready, Clean Power, CO Shield

8. SAFETY INFORMATION

Operating a generator can be dangerous if proper safety precautions are not followed. Always read and understand the full operator's manual before use.

- **Carbon Monoxide Hazard:** Generators produce carbon monoxide, an odorless, colorless, and poisonous gas. Operate the generator ONLY outdoors and far away from windows, doors, and vents.
- **Electrical Shock Hazard:** Never operate the generator in wet conditions. Ensure proper grounding to prevent electrical shock.
- **Fire Hazard:** Gasoline is highly flammable. Refuel only when the engine is off and cool. Store fuel in approved containers away from heat sources.
- **Hot Surfaces:** The generator's engine and muffler become very hot during operation and remain hot for some time after shutdown. Avoid touching hot surfaces.




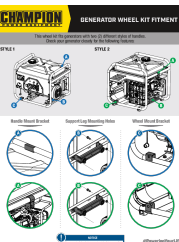

9. WARRANTY AND SUPPORT

Your Champion Power Equipment 4500-Watt Portable Inverter Generator is backed by a **3-year limited warranty**.

For technical assistance, troubleshooting, or warranty claims, please contact Champion Support. They offer **FREE lifetime technical support** from dedicated experts.

Refer to your full operator's manual for detailed warranty terms and conditions, and for contact information for Champion Support.

Related Documents - 200987

	<p>Champion 200955 4250W Open Frame Inverter Quick Start Guide</p> <p>Concise quick start guide for the Champion 200955 4250W Open Frame Inverter generator. Learn how to safely set up, fuel, and start your generator.</p>
	<p>Champion CPG4000DHY-DF-SC Dubbelbränsle Invertergenerator Bruksanvisning</p> <p>Detaljerad bruksanvisning för Champion CPG4000DHY-DF-SC 3500W Dubbelbränsle Invertergenerator med öppen ram, som täcker säkerhet, drift, underhåll och specifikationer.</p>
	<p>Champion 2500W Portable Inverter Generator 201046 Quick Start Guide</p> <p>A quick start guide for the Champion 2500W Portable Inverter Generator (Model 201046), detailing setup, oil, fuel, and starting procedures with safety information.</p>
	<p>Champion Generator Wheel Kit Fitment Guide</p> <p>Guide to fitting Champion generator wheel kits for 2800 to 4800-watt models, detailing two handle styles and mounting points for compatibility.</p>
	<p>Champion 201046 2500W Portable Inverter Generator Operator's Manual</p> <p>Comprehensive operator's manual for the Champion 201046 portable inverter generator, covering safety, setup, operation, maintenance, and troubleshooting for optimal performance and user safety.</p>



[Champion 201228 4500W Dual Fuel Electric Start Inverter Generator Operator's Manual](#)

This operator's manual provides comprehensive guidance for the Champion 201228 4500W Dual Fuel Electric Start Inverter Generator. It details essential safety precautions, assembly instructions, operating procedures, maintenance schedules, and troubleshooting tips to ensure safe and efficient use of the product.