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› Aceup Energy 2000W Portable Inverter Generator IG2200S User Manual

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Aceup Energy 2000W Portable Inverter Generator IG2200S User Manual

Model: IG2200S

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1. INTRODUCTION

Thank you for choosing the Aceup Energy 2000W Portable Inverter Generator, Model IG2200S. This generator is designed to provide reliable, clean, and quiet power for various applications, including outdoor activities, camping, RVs, and as a backup power source during outages. Its compact and lightweight design ensures portability and ease of use. Please read this manual thoroughly before operating the generator to ensure safe and efficient use.

ALIMENTATION ÉLECTRIQUE PORTABLE



Image: The Aceup Energy Inverter Generator, showcasing its compact design suitable for outdoor use.

2. SAFETY INFORMATION

Your safety and the safety of others are paramount. Always follow these safety precautions when operating the generator:

- **Carbon Monoxide Hazard:** Generators produce carbon monoxide, a colorless, odorless, poisonous gas. Operate the generator outdoors in a well-ventilated area, far from windows, doors, and vents. Never operate it indoors, in a garage, or in any enclosed space.
- **Fire Hazard:** Gasoline is highly flammable. 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 an approved container away from living areas.
- **Electrical Shock Hazard:** Do not operate the generator in wet conditions. Ensure all electrical connections are secure and dry. Never touch electrical components with wet hands.
- **Hot Surfaces:** The generator's engine and muffler become very hot during operation and remain hot for some time after shutdown. Avoid touching these surfaces to prevent burns.
- **Children and Pets:** Keep children and pets away from the generator, especially during operation.
- **Read the Manual:** Familiarize yourself with all controls and features before operating the generator.

3. PRODUCT FEATURES

The Aceup Energy IG2200S Inverter Generator offers a range of features designed for convenience and performance:

- **Portable Design:** Weighing only 19.8 kg (43.6 lbs), this generator is ultra-lightweight and compact, making it easy to transport.
- **Quiet Operation:** Operates at a low noise level of 53 dB, ensuring minimal disturbance to your surroundings.
- **Clean Power:** Aceup's inverter technology provides stable, clean power suitable for sensitive electronics like phones, laptops, and other appliances.
- **Engine:** Equipped with a 79.8 cc, 4-stroke OHV engine.

- **Power Output:** 2000 Watts starting power, 1800 Watts running power, and 2300 Watts peak power.
- **Fuel Efficiency:** Runs up to 10 hours at a quarter load on 1.1 gallons of gasoline.
- **Multiple Outlets:** Features two 230V AC outlets, two 2.1A USB ports for fast charging, and one 12V DC outlet.
- **Safety Features:** Automatic low oil shutdown protects the engine from damage.

Control Panel Overview

The control panel provides easy access to all necessary functions and outlets:

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Image: Detailed view of the generator's control panel, showing the integrated ON/RUN/CHOKE knob, DC reset switch, oil warning indicator, Eco-mode switch, parallel operation outlet, grounding terminal, 230V AC outlets, 12V DC outlet, and USB ports.

- **Integrated ON/RUN/CHOKE Knob:** For starting, running, and choking the engine.
- **DC Reset Switch:** Resets the DC circuit breaker.
- **Oil Warning Indicator:** Illuminates when oil level is low.
- **Eco-Mode Switch:** Engages eco-throttle for improved fuel efficiency and reduced noise at lower loads.
- **Parallel Operation Outlet:** Allows connecting two identical generators for increased power output.
- **Grounding Terminal:** For proper grounding of the generator.
- **230V AC Outlets:** Two standard AC power outlets.
- **12V DC Outlet:** For charging 12V batteries.
- **USB Ports:** Two 2.1A USB ports for charging mobile devices.

4. SETUP

Before first use, perform the following setup steps:

4.1 Unpacking and Inspection

- Carefully remove the generator and all accessories from the packaging.

- Inspect for any shipping damage. If damaged, contact customer support immediately.
- Ensure all included components are present: oil funnel, tool kit, user manual, and the generator itself.

ZUBEHÖR



Image: The accessories included with the generator, such as an oil funnel, spark plug wrench, and battery charging cables.

4.2 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.
3. Using the provided oil funnel, slowly add the 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.

4.3 Adding Fuel

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

1. Ensure the generator is off and cool.
2. Open the fuel tank cap.
3. Carefully pour gasoline into the fuel tank, ensuring not to overfill. Leave a small air gap to allow for fuel expansion.
4. Securely close the fuel tank cap.



Image: A close-up of the fuel gauge, showing 'LEER' (Empty) and 'VOLL' (Full) indicators for monitoring fuel levels.

4.4 Grounding the Generator

For safety, always ground the generator before operation. Connect a grounding wire (not included) from the grounding terminal on the control panel to a suitable ground source, such as a ground rod.

5. OPERATION

5.1 Starting the Engine

1. Ensure the generator is on a level surface and properly grounded.
2. Turn the integrated ON/RUN/CHOKE knob to the 'CHOKE' position.
3. Pull the recoil starter handle firmly and smoothly until the engine starts.
4. Once the engine starts, slowly move the ON/RUN/CHOKE knob to the 'RUN' position.
5. Allow the engine to warm up for a few minutes before connecting electrical devices.

5.2 Connecting Electrical Devices

- Ensure the generator is running smoothly.
- Plug your electrical devices into the appropriate AC, DC, or USB outlets.
- Do not overload the generator. Refer to the specifications for maximum wattage.

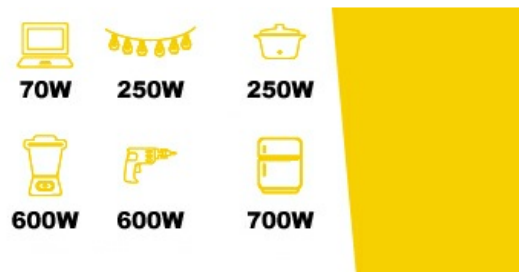


Image: An illustration showing various electrical devices and their typical power consumption (e.g., laptop 70W, lights 250W, slow cooker 250W, blender 600W, drill 600W, refrigerator 700W).

5.3 Eco-Mode Operation

Engage the Eco-Mode switch for improved fuel efficiency and reduced noise when operating at lower loads. The engine speed will automatically adjust to match the load, saving fuel and extending run time.

5.4 Parallel Operation (Optional)

The IG2200S supports parallel operation, allowing you to connect two identical Aceup Energy inverter generators to double the power output. A parallel kit (sold separately) is required.

1. Ensure both generators are off and on a level surface.
2. Connect the parallel kit cables to the designated parallel operation outlets on both generators.
3. Start both generators according to the standard starting procedure.
4. Once both generators are running, you can connect your devices to the outlets on the parallel kit.



Image: Two Aceup Energy generators connected via a parallel connection box, demonstrating increased power capability for larger loads.

5.5 Stopping the Engine

- 1. Disconnect all electrical devices from the generator.
- 2. Turn the integrated ON/RUN/CHOKE knob to the 'OFF' position.
- 3. Allow the generator to cool down before storing.

6. MAINTENANCE

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

6.1 Maintenance Schedule

Item	First Month / 20 Hours	Every 3 Months / 50 Hours	Every 6 Months / 100 Hours	Every Year / 300 Hours
Engine Oil	Change	Check level	Change	Change
Air Filter	Clean	Clean	Clean	Replace
Spark Plug	-	Check/Adjust	-	Replace
Fuel Filter	-	-	Check	Replace

6.2 Oil Change

Drain the old oil while the engine is warm. Refill with the recommended oil type and quantity.

6.3 Air Filter Cleaning

Remove the air filter cover and clean the foam element with warm, soapy water. Rinse thoroughly and allow to air dry completely before re-oiling with engine oil and reinstalling.

6.4 Spark Plug Inspection

Remove the spark plug and inspect for wear or fouling. Clean or replace as necessary. Ensure the gap is set correctly.

6.5 Storage

For long-term storage, drain the fuel tank and carburetor. Change the engine oil. Store the generator in a clean, dry place, away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Engine does not start	No fuel	Add fuel
	Low oil level	Add oil
	Choke not set correctly	Adjust choke
	Spark plug issue	Check/clean/replace spark plug
No power output	Overload	Reduce load
	Circuit breaker tripped	Reset circuit breaker
	Eco-mode engaged (low load)	Switch off Eco-mode if full power is needed
Engine runs rough	Stale fuel	Drain and refill with fresh fuel
	Dirty air filter	Clean air filter
	Spark plug issue	Check/clean/replace spark plug
Oil warning light on	Low oil level	Add engine oil to the correct level

If you encounter issues not listed here or if solutions do not resolve the problem, please contact customer support.

8. SPECIFICATIONS

Feature	Detail
Model Number	IG2200S
Brand	Aceup Energy
Dimensions (L x W x H)	50.5 x 30 x 46 cm (19.9 x 11.8 x 18.1 inches)
Weight	19.91 kg (43.9 lbs)
Engine Type	4-stroke, OHV
Engine Displacement	79.8 cc
Fuel Type	Gasoline
Fuel Tank Capacity	Approx. 1.1 Gallons (4.2 Liters)
Run Time (1/4 Load)	Up to 10 hours
Starting Watts (Peak)	2000 Watts (2300 Watts max output)
Running Watts	1800 Watts
Voltage	230 Volts
Frequency	50 Hz (Note: Product description states 50Hz, but specifications list 60Hz. Please verify with product label.)
Total Outlets	4 (2x 230V AC, 2x USB, 1x 12V DC)
Special Features	Inverter Technology, Lightweight, Portable, USB Port, Eco-Energetic

Feature	Detail
Ignition System	Recoil Start

9. WARRANTY AND SUPPORT

The Aceup Energy 2000W Portable Inverter Generator Model IG2200S comes with a one-year warranty from the date of purchase. Additionally, lifetime technical support is provided by specialized experts.

For warranty claims, technical assistance, or any questions regarding your generator, please contact Aceup Energy customer service through the retailer where you purchased the product or visit the official Aceup Energy website for contact information. Please retain your proof of purchase for warranty purposes.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question