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> [Erayak Ultimate Power Bundle – 2400W Portable Inverter Generator + 200W Car USB-C Fast Charger | Home Backup & On-the-Go Power Solution for Camping, Road Trips & Emergencies](#)

ERAYAK 5609fdb6-ab3f-4eab-b791-6921813254af

ERAYAK Ultimate Power Bundle User Manual

2400W Portable Inverter Generator + 200W Car USB-C Fast Charger

INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your ERAYAK Ultimate Power Bundle. This bundle includes a 2400W Portable Inverter Generator and a 200W Car Power Inverter with USB-C Fast Charging capabilities.

The 2400W inverter generator is designed to provide clean, stable electricity for home backup, camping, and RV trips, featuring quiet operation and fuel efficiency. The 200W car power inverter offers on-the-go charging for various devices via USB-C, standard USB, and AC outlets, converting 12V DC to 110V AC.



Image: The ERAYAK Ultimate Power Bundle, showcasing both the red and black portable inverter generator and the compact black car power inverter.

SAFETY INFORMATION

Always read and understand all safety warnings and instructions before operating the ERAYAK Ultimate Power Bundle. Failure to follow these instructions may result in serious injury or property damage.

- **Generator Safety:** Operate the generator outdoors in a well-ventilated area. Never operate indoors or in enclosed spaces due to carbon monoxide risk. Keep away from flammable materials. Ensure proper grounding.
- **Car Power Inverter Safety:** Use only with a 12V DC power source. Do not exceed the inverter's rated wattage. Ensure proper ventilation around the inverter. Avoid exposing to water or extreme temperatures.
- Keep children and pets away from operating equipment.

- Wear appropriate personal protective equipment (PPE) when handling fuel or performing maintenance.

SETUP

2400W Portable Inverter Generator Setup

1. **Unpacking:** Carefully remove the generator from its packaging. Inspect for any shipping damage.
2. **Add Engine Oil:** Before first use, add the recommended engine oil (not included) to the crankcase. Refer to the oil fill cap or dipstick for the correct level. Do not overfill.
3. **Add Fuel:** Fill the fuel tank with fresh, unleaded gasoline (minimum 87 octane). Do not overfill. Ensure the fuel cap is securely tightened.
4. **Positioning:** Place the generator on a firm, level surface outdoors, away from windows, doors, and vents, and at least 20 feet from any building. Ensure adequate clearance around the unit for ventilation.
5. **Grounding:** Connect a grounding wire (not included) from the generator's grounding terminal to a suitable ground source, such as a ground rod.

FUEL-SAVING POWERHOUSE

UNLOCK SAVINGS WITH VARIABLE FREQUENCY GENERATORS

Cut Fuel Costs by Up to 30% with Smart Load Adjustment and Optimal Engine Performance



Image: The ERAYAK 2400W Portable Inverter Generator set up outdoors, demonstrating its portability and suitability for various environments.

200W Car Power Inverter Setup

1. **Vehicle Compatibility:** Ensure your vehicle's cigarette lighter socket provides 12V DC power.
2. **Plug In:** Insert the 12V input plug of the inverter firmly into your vehicle's cigarette lighter socket.
3. **Power LED:** The Power LED indicator on the inverter will illuminate, indicating it is receiving power.

4. **Device Connection:** Connect your devices to the USB-C port, USB Type-A ports, or the 120V AC outlets as needed.

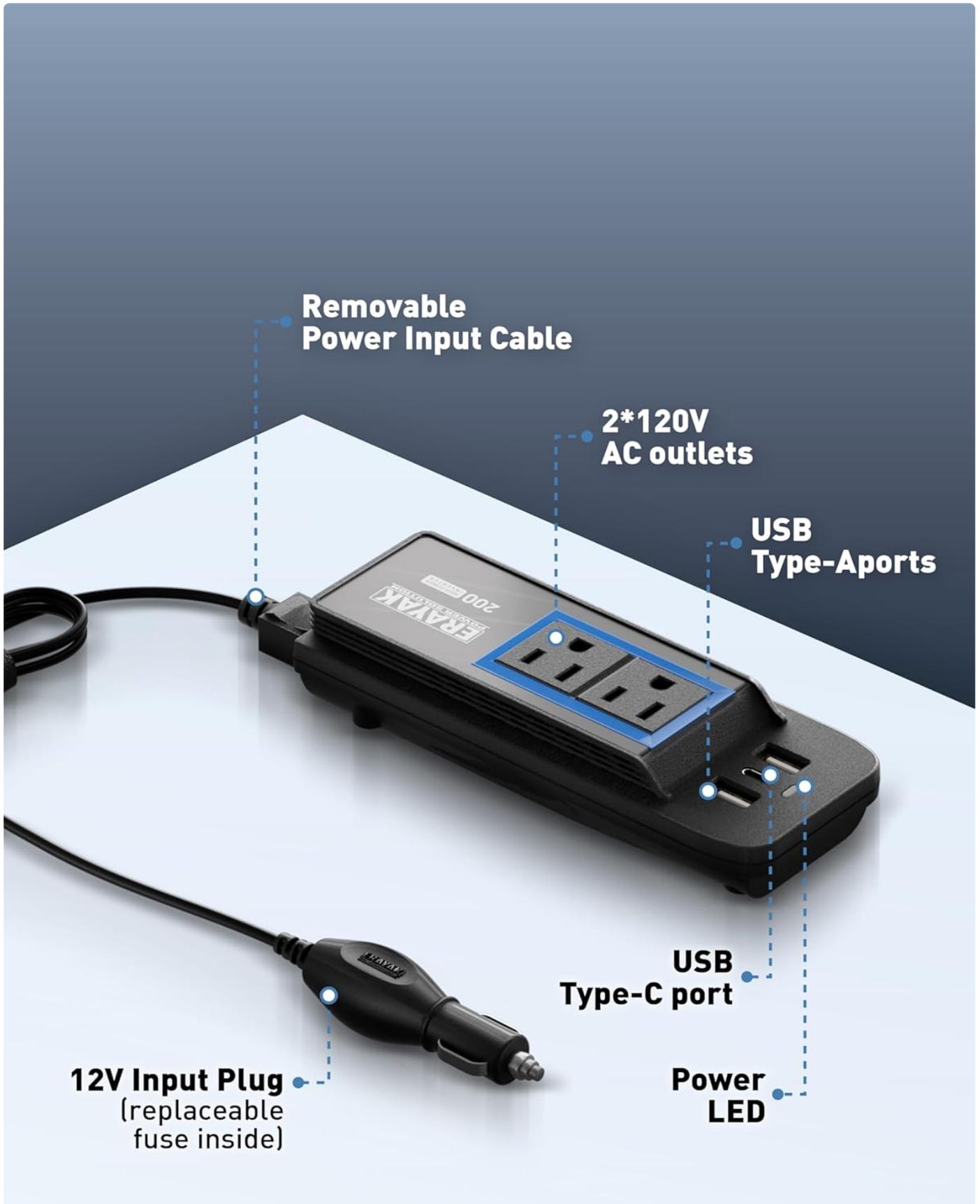


Image: A detailed diagram of the ERAYAK 200W Car Power Inverter, highlighting its components including the 12V input plug, AC outlets, USB Type-A ports, USB Type-C port, removable power input cable, and power LED.

OPERATING INSTRUCTIONS

Operating the 2400W Portable Inverter Generator

1. **Fuel Valve:** Turn the fuel valve to the "ON" position.
2. **Choke:** If the engine is cold, move the choke lever to the "CHOKE" position. For a warm engine, set to "RUN".
3. **Engine Switch:** Turn the engine switch to the "START" position.
4. **Start Engine:** Pull the recoil starter handle firmly and smoothly until the engine starts.
5. **Choke Adjustment:** Once the engine starts, gradually move the choke lever to the "RUN" position.
6. **Connect Devices:** Plug your appliances into the AC outlets. Ensure the total wattage does not exceed the generator's running wattage.
7. **Eco Mode:** For lighter loads, engage the "Eco Mode" switch to reduce engine speed, save fuel, and lower noise levels.
8. **Shut Down:** To turn off the generator, disconnect all loads, turn the engine switch to "OFF", and then turn the fuel valve to "OFF".

QUIET & RELIABLE

52dB at 23ft, Undisturbed Nighttime



Image: The ERAYAK 2400W Portable Inverter Generator in operation, highlighting its quiet performance suitable for residential or outdoor use.

PURE SINE WAVE POWER

Clean Power For Sensitive Appliances



Image: The ERAYAK 2400W Portable Inverter Generator providing clean, pure sine wave power, suitable for sensitive electronics like laptops and coffee makers, in an outdoor setting.

HIGH-PERFORMANCE & ENDURANCE

2400W/1800W Supplying Power as Needed



Image: The ERAYAK 2400W Portable Inverter Generator demonstrating high performance and endurance, capable of supplying 2400W/1800W as needed, ideal for home backup power.

Operating the 200W Car Power Inverter

1. **Vehicle Engine:** For optimal performance and to prevent draining your car battery, it is recommended to operate the inverter with the vehicle's engine running.
2. **Plug In:** Insert the inverter's 12V plug into the vehicle's cigarette lighter socket.

3. **Connect Devices:** Plug your electronic devices into the appropriate output ports (USB-C, USB-A, or AC outlets).
4. **Power Monitoring:** The inverter features an 18W USB-C fast charger and dual USB (3.1A max) ports, along with two AC outlets. Ensure the total power draw of connected devices does not exceed 200W.
5. **Disconnect:** When finished, disconnect devices first, then unplug the inverter from the vehicle's socket.



Image: The ERAYAK 200W Car Power Inverter actively charging a smartphone via its USB-C port, demonstrating its fast charging capability.



Image: An illustration showing a variety of devices that can be powered by the ERAYAK 200W Car Power Inverter, including laptops, power banks, phones, cameras, tablets, breast pumps, LED lights, fans, drones, and inflatable beds.

MAINTENANCE

2400W Portable Inverter Generator Maintenance

- **Oil Change:** Change engine oil after the first 20 hours of operation, then every 50-100 hours or annually, whichever

comes first. Use recommended oil type.

- **Air Filter:** Inspect and clean the air filter every 50 hours or more frequently in dusty conditions. Replace if damaged.
- **Spark Plug:** Inspect the spark plug every 100 hours. Clean or replace as needed. Ensure proper gap.
- **Fuel System:** Drain fuel from the tank and carburetor if storing for extended periods (over 30 days) to prevent fuel degradation. Use a fuel stabilizer if draining is not possible.
- **General Cleaning:** Keep the generator clean and free of debris. Do not use water to clean the engine or electrical components.

200W Car Power Inverter Maintenance

- **Cleaning:** Wipe the inverter's exterior with a dry, soft cloth. Do not use liquid cleaners.
- **Ventilation:** Ensure the ventilation openings are clear of dust and debris to prevent overheating.
- **Fuse Replacement:** The 12V input plug contains a replaceable fuse. If the inverter stops working, check and replace the fuse if blown. Refer to the inverter's specifications for the correct fuse type.

TROUBLESHOOTING

2400W Portable Inverter Generator Troubleshooting

Problem	Possible Cause	Solution
Engine will not start	No fuel; Fuel valve OFF; Engine switch OFF; Low oil level; Clogged fuel filter; Faulty spark plug	Add fuel; Turn fuel valve ON; Turn engine switch ON; Add oil to correct level; Clean/replace fuel filter; Clean/replace spark plug
No power output	Overload; Circuit breaker tripped; Eco mode engaged with high load	Reduce load; Reset circuit breaker; Disengage Eco mode for higher loads
Engine runs rough	Stale fuel; Clogged air filter; Incorrect spark plug gap	Drain and refill with fresh fuel; Clean/replace air filter; Adjust/replace spark plug

200W Car Power Inverter Troubleshooting

Problem	Possible Cause	Solution
No power from inverter	Vehicle socket not providing power; Blown fuse in inverter plug; Overload; Overheating	Check vehicle's fuse box; Replace inverter fuse; Reduce connected load; Allow inverter to cool down
Devices not charging	Inverter not receiving power; Device cable faulty; Device requires more power than inverter provides	Ensure inverter is powered; Try different cable/device; Check device power requirements against inverter output

SPECIFICATIONS

Feature	Detail
Brand	ERAYAK

Feature	Detail
Product Model Number	5609fdb6-ab3f-4eab-b791-6921813254af
Generator Wattage (Max/Running)	2400 Watts
Generator Fuel Type	Gasoline
Generator Power Source	Gasoline
Generator Voltage	120 Volts (AC) / 12 Volts (DC)
Generator Engine Type	Gasoline
Generator Ignition System	Recoil Start
Generator Total Power Outlets	2 AC outlets, DC 12V outlets
Car Power Inverter Wattage	200 Watts
Car Power Inverter Input	12V DC (via cigarette lighter)
Car Power Inverter Output	110V AC, USB-C (18W), Dual USB (3.1A max)
Included Components	2400W Portable Inverter Generator, 200W Car Power Inverter with USB-C Fast Charging

WARRANTY AND SUPPORT

This product is subject to Amazon's standard return policy, allowing for returns or replacements within 30 days of purchase. For specific warranty information beyond the return period, or for technical support, please contact ERAYAK directly through their official store on Amazon or their customer service channels.

You can visit the ERAYAK Store for more information and support: [ERAYAK Official Store](#)