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A-iPower GXS7600iRD

A-iPower GXS7600iRD Dual Fuel Inverter Generator

USER MANUAL

Introduction

This manual provides essential information for the safe and efficient operation of your A-iPower GXS7600iRD Dual Fuel Inverter Generator. Please read all instructions carefully before operating the generator to ensure proper use and to prevent injury or damage. Keep this manual for future reference.

Safety Information

WARNING: Carbon Monoxide Hazard. Generators produce carbon monoxide (CO), an odorless, colorless, poisonous gas. Using a generator indoors **CAN KILL YOU IN MINUTES**. Always use the generator outdoors, far away from windows, doors, and vents. Install battery-operated CO alarms in your home.

Electrical Shock Hazard: Never operate the generator in wet conditions. Ensure all electrical connections are dry and properly grounded. Do not touch the generator with wet hands.

Fire Hazard: Gasoline and propane are 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 or fuel storage area. Store fuel in approved containers.

Hot Surfaces: The generator engine and muffler become very hot during operation and remain hot for a period after shutdown. Avoid touching hot surfaces to prevent burns.

Moving Parts: Keep hands, feet, hair, and clothing away from moving parts to prevent injury.

Package Contents

Verify that all items listed below are included in your package:

- Portable Inverter Generator
- Oil Bottle
- Oil Funnel
- Tool kit
- Remote Key
- LPG Regulator
- Adaptor L5-30P to TT-30R
- Quick Start Guide

- Manual



Image: All components included in the A-iPower GXS7600iRD generator package, such as the generator itself, oil, funnel, tools, remote key, LPG regulator, and adapters.

Product Features

The A-iPower GXS7600iRD Inverter Generator is designed for versatility and performance, offering a range of features for various power needs.

- **Powerful 322cc OHV Engine:** A high-performance four-cycle engine ensures fuel efficiency, reliability, and excellent heat dissipation for long life.
- **High Output & Quiet Operation:** Delivers 7,600 starting watts and 6,100 running watts on gasoline, and 6,900 starting watts and 5,500 running watts on propane. Operates at a low sound level of 62dB.
- **Pure Power (3% THD):** Inverter technology provides clean, stable power suitable for sensitive electronics like laptops, TVs, and phone chargers.
- **Multi-Featured Control Panel:** Includes a CO sensor indicator light, LED light, data center display, two USB 5V DC ports, one L5-30R 30 amp 120V outlet, one duplex 5-20R 20 amp 120V outlet, and one L14-30R 30

amp 120V/240V outlet.

- **Low Idle Technology & Compact Design:** Features a lightweight design with a telescoping handle and flat-free wheels for easy transport. Offers an extended run time of 10 hours at 25% load with a 3.6-gallon fuel tank on gasoline.

PRODUCT FEATURES



QUIET TECHNOLOGY

As low as 66 dBA (quieter than the average conversation)



PARALLEL READY

Link 2 units for more power!
(Parallel cables not included)



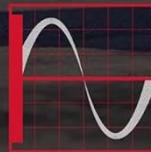
POWERFUL ENGINE

Powered by a reliable
322cc OHV engine



DUAL FUEL + FUEL SENSE

Get up to 21hrs of combined
runtime at 25% load



CLEAN ENERGY

Power sensitive electronics
at less than 3% THD



iPOWER

FUEL SENSE
AUTOMATIC FUEL SENSING TECHNOLOGY

Image: Visual representation of the generator's key features, including quiet technology, parallel readiness, powerful engine, dual fuel capability, and clean energy output.

CONTROL PANEL



Image: Close-up of the generator's control panel, highlighting the data center display, CO sensor light, AC voltage switch, EZ start system, USB ports, and various AC outlets.

CONTROL PANEL LED LIGHT



CONTROL PANEL LED LIGHT

Easily navigate your control panel in all lighting conditions

Image: The control panel featuring an LED light for improved visibility in various lighting conditions.

Your browser does not support the video tag.

Video: An official product video from A-iPower Corp showcasing the 7600 Watt Remote Start Generator, highlighting its features and capabilities.

Setup

- Unpacking and Inspection:** Carefully remove the generator and all components from the packaging. Inspect for any shipping damage.
- Add Engine Oil:** The generator is shipped without engine oil. Place the generator on a level surface. Remove the oil fill cap/dipstick. Using the provided oil funnel, slowly add the recommended amount and type of oil (refer to specifications for details) until it reaches the upper mark on the dipstick. Do not overfill.
- Connect Battery:** Connect the battery cables to the generator's battery terminals, ensuring correct polarity (red to positive, black to negative).
- Add Fuel (Gasoline):** If using gasoline, ensure the generator is off and cool. Open the fuel cap and carefully pour fresh, unleaded gasoline into the fuel tank. Do not overfill. Close the fuel cap securely.

- 5. Connect Propane (LPG):** If using propane, connect the provided LPG regulator hose to a propane tank and then to the generator's propane inlet. Ensure all connections are tight. Open the valve on the propane tank.
- 6. Wheel and Handle Assembly:** Attach the wheels and telescoping handle as per the quick start guide for easy mobility.

Operating Instructions

1. Pre-Start Checklist:

- Check engine oil level.
- Ensure sufficient fuel (gasoline or propane).
- Verify all electrical loads are disconnected from the generator.
- Ensure the generator is on a level, outdoor surface, away from any enclosures.

2. Starting the Generator (Gasoline):

- Turn the fuel valve to the 'ON' position.
- Set the choke lever to 'CHOKE' (if engine is cold).
- Press the electric start button or use the remote key fob.
- Once the engine starts, slowly move the choke lever to 'RUN'.

3. Starting the Generator (Propane):

- Ensure the propane tank valve is open.
- Set the fuel selector switch to 'PROPANE'.
- Press the electric start button or use the remote key fob.

4. Fuel Sense Technology: This generator features Fuel Sense technology, which automatically switches fuel intake between gasoline and propane/LPG to extend runtime. The generator will prioritize the selected fuel source and switch if one runs out.

5. Connecting Electrical Loads: Once the generator is running stably, plug in your electrical devices. Do not overload the generator. Monitor the data center display for power output.

6. Stopping the Generator:

- Disconnect all electrical loads.
- Turn the engine switch to 'OFF'.
- If using propane, close the valve on the propane tank.

FUEL SENSE



The image shows a red A-iPower GXS7600iRD generator with a black side panel. A white propane tank is connected to the generator via a black hose. The generator has a control panel with various buttons and a digital display. The text "iPOWER GXS7600iRD" is visible on the side panel. The background is a blurred outdoor setting.

FUEL SENSE
AUTOMATIC FUEL SELECTION TECHNOLOGY

UP TO
21 HOURS / 
COMBINED RUN TIME @25% Load*

This generator is equipped with **FUEL SENSE** technology which automatically switches fuel intake between gasoline and propane/LPG to extend runtime.

Image: The A-iPower GXS7600iRD generator operating with a propane tank, demonstrating its dual fuel capability and Fuel Sense technology for extended run times.

VARIETY OF USES

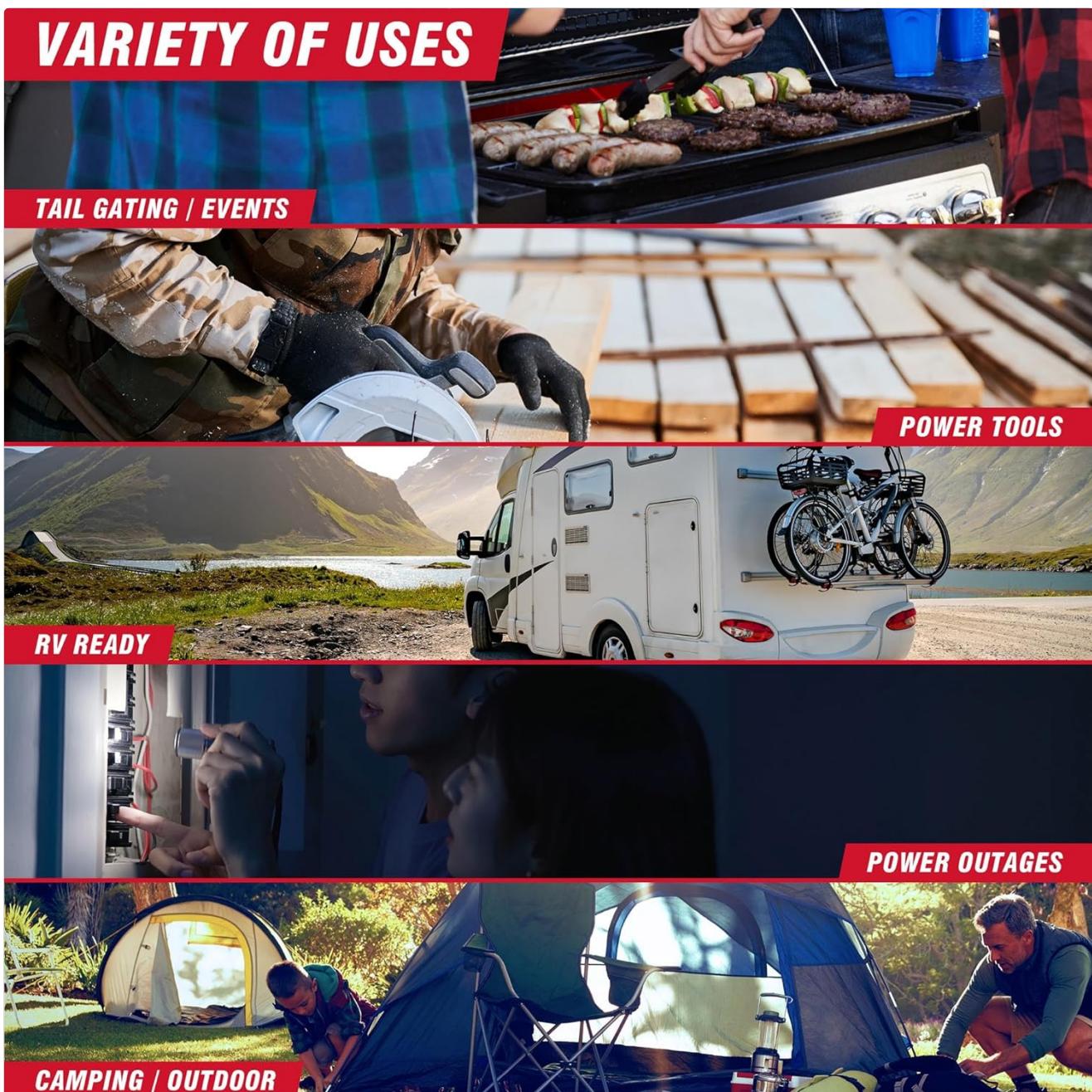


Image: Examples of the generator's versatility, including use for tailgating, powering tools, RV readiness, during power outages, and for camping/outdoor activities.

Maintenance

Regular maintenance is crucial for the longevity and reliable performance of your generator. Always ensure the generator is off and cool before performing any maintenance.

- **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 monthly. Clean or replace if dirty.
- **Spark Plug:** Inspect and clean the spark plug every 100 hours or annually. Replace if worn.
- **Fuel Filter:** Inspect and replace the fuel filter as needed, typically annually.
- **Storage:** For long-term storage, drain the fuel tank and carburetor (if using gasoline) or ensure the propane system is disconnected. Remove the spark plug and pour a small amount of engine oil into the cylinder, then pull the recoil starter a few times to distribute the oil.

Troubleshooting

Problem	Possible Cause	Solution
Engine will not start	No fuel, low oil, spark plug issue, choke setting	Check fuel level, add oil, inspect/clean spark plug, adjust choke.
No power output	Overload, circuit breaker tripped, loose connections	Reduce load, reset circuit breaker, check connections.
Engine runs rough	Stale fuel, dirty air filter, spark plug issue	Use fresh fuel, clean air filter, inspect/replace spark plug.
CO Sensor light active	High carbon monoxide levels detected	Move generator to a well-ventilated outdoor area immediately.

Specifications

Specification	Detail
Brand	A-iPower
Model Name	GXS7600iRD
Engine Type	322cc OHV 4-Stroke
Fuel Type	Gasoline, Liquefied Petroleum Gas (LPG)
Starting Wattage (Gasoline)	7600 Watts
Running Wattage (Gasoline)	6100 Watts
Starting Wattage (Propane)	6900 Watts
Running Wattage (Propane)	5500 Watts
Voltage	120 Volts, 240 Volts
Total Power Outlets	3 (L5-30R, 5-20R Duplex, L14-30R) + 2 USB 5V DC
Fuel Tank Volume	3.6 Imperial Gallons
Item Weight	131.5 Pounds
Product Dimensions (L x W x H)	28" x 22" x 24"
Noise Level	Less than 62dB

Specification	Detail
Special Features	Automatic Idle Control, Automatic Shut Down, Automatic Voltage Regulation, CO Sensor, Dual Fuel, Fuel Efficient, Overload Protection, Remote Start, USB Port



Image: Diagram showing the length, width, and height dimensions of the A-iPower GXS7600iRD generator, along with its weight.

Warranty and Support

For warranty information, please refer to the warranty card included with your generator or visit the official A-iPower website. For technical support, troubleshooting assistance, or to order replacement parts, please contact A-iPower customer service. Contact details can typically be found in the included manual or on the manufacturer's website.