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DEWALT DXAEPI140

DEWALT DXAEPI140 Power Inverter User Manual

Model: DXAEPI140

Introduction

The DEWALT DXAEPI140 Power Inverter is designed to convert your vehicle's 12-volt DC battery power into 120-volt AC household power, providing convenient electricity on the go. This compact and durable inverter features a 140-watt continuous power output, along with 25W USB Type-C and 15W USB Type-A ports for charging various electronic devices.

It is ideal for use in cars, trucks, RVs, or during outdoor activities where portable AC and USB power is required.



Image: DEWALT Power Inverter branding.

Important Safety Information

Please read and understand all safety warnings and instructions before operating this product. Failure to follow these instructions may result in electric shock, fire, and/or serious injury.

WARNING: Cancer and reproductive harm. For more information go towww.P65Warnings.ca.gov.

- Do not expose the inverter to rain or wet conditions.
- Do not operate the inverter if it has received a sharp blow, been dropped, or otherwise damaged.
- Do not disassemble the inverter. Incorrect reassembly may result in a risk of electric shock or fire.
- To reduce the risk of electric shock, unplug the inverter from the outlet before attempting any maintenance or cleaning.
- Use of an attachment or accessory not recommended or sold by the manufacturer may result in a risk of fire, electric shock, or injury to persons.

What's in the Box

Upon opening the packaging, ensure all components are present and undamaged:

- DEWALT DXAEPI140 Power Inverter
- Installation hardware (for mounting)
- User Manual



Image: The DEWALT DXAEPI140 Power Inverter with its included mounting bracket and hardware.

Setup

The DEWALT DXAEPI140 Power Inverter is designed for easy setup and use. It connects directly to your vehicle's 12-volt DC accessory outlet (cigarette lighter socket).

Connecting the Inverter:

1. Ensure your vehicle's engine is running to provide stable power and prevent battery drain.
2. Insert the 12V DC plug of the inverter firmly into your vehicle's 12-volt accessory outlet.
3. The power indicator light on the inverter will illuminate, indicating it is receiving power.

For permanent installation, use the included mounting hardware to secure the inverter in a suitable location within your vehicle.



Image: The DEWALT DXAEPI140 Power Inverter, showing its main unit and the 12V DC plug.



Image: Front view of the DEWALT DXAEPI140, highlighting the 120V AC outlet, 25W USB Type-C port, 15W USB Type-A ports, and power indicator light.

Operating Instructions

Once the inverter is properly connected and powered on, you can begin using its output ports.

Using the AC Outlet:

- Plug your 120V AC device into the standard AC outlet on the inverter.
- Ensure the device's power consumption does not exceed the inverter's 140-watt continuous rating.

Using the USB Ports:

- Connect your USB-powered devices to the 25W USB Type-C port or the 15W USB Type-A ports.

- These ports are suitable for charging smartphones, tablets, and other compatible USB devices.

The inverter features a fan-free, silent running design for quiet operation.



Image: The DEWALT DXAEPI140 Power Inverter connected and in use within a vehicle, showing its compact size and accessibility.

Approximate Power Usage Chart:

The following table provides approximate wattage requirements for common devices. This chart is for approximation only. Refer to instruction manuals for products to be used and inverter before use.

Device	Approximate Wattage
LED Flood Light	140 Watt
Video Game Console	120 Watt
Incandescent Bulb	100 Watt

Device	Approximate Wattage
Laptop Computer	90 Watt
Scanner	75 Watt
Inkjet Printer	75 Watt
Smartphone	10 Watt
Camcorder Charger	10 Watt
Cordless Screwdriver	8 Watt

Maintenance

Regular maintenance ensures optimal performance and longevity of your DEWALT DXAEPI140 Power Inverter.

- **Cleaning:** Disconnect the inverter from the power source before cleaning. Use a dry, soft cloth to wipe down the exterior. Do not use abrasive cleaners or solvents.
- **Storage:** When not in use, store the inverter in a cool, dry place, away from direct sunlight and moisture.
- **Cable Inspection:** Periodically inspect the power cord and plug for any signs of damage, such as cuts, fraying, or bent prongs. Do not use the inverter if the cord or plug is damaged.

Troubleshooting

If you encounter issues with your DEWALT DXAEPI140 Power Inverter, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Inverter not powering on	Loose connection, vehicle's 12V outlet fuse blown, vehicle battery low.	Ensure plug is fully inserted. Check vehicle's fuse box for blown fuse. Start vehicle engine to ensure sufficient battery voltage.
Device not charging/powering	Device power consumption too high, faulty device, inverter overload protection activated.	Check device wattage. Try a different device. Disconnect and reconnect inverter to reset.
Inverter shuts down automatically	Overload, overheating, low voltage protection.	Reduce connected load. Ensure proper ventilation. Start vehicle engine to charge battery.

If the problem persists after attempting these solutions, contact DEWALT customer support.

Specifications

Feature	Detail
Model Name	DXAEPI140
Wattage	140 watts (continuous)

Feature	Detail
Power Source	Vehicle DC Plug Outlet (12V)
AC Output	120V AC
USB Type-C Port	25W
USB Type-A Ports	15W
Product Dimensions	4 x 2.5 x 8 inches
Item Weight	1 Pound
Manufacturer	Baccus Global
Country of Origin	China

Warranty and Support

For warranty information and customer support, please refer to the official DEWALT website or contact their customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.

You can also find additional resources and FAQs on the DEWALT support pages.

Visit the Official DEWALT Store on Amazon

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