Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

DEWALT DXAEPI1000

DEWALT DXAEPI1000 Power Inverter 1000W Car Converter User Manual

Model: DXAEPI1000
Brand: DEWALT

1. Introduction

The DEWALT DXAEPI1000 Power Inverter is designed to provide convenient household power on the go. This 1000-watt car converter features dual 120V AC outlets and three 3.1A USB ports, allowing you to power and charge multiple devices simultaneously. Its integrated LCD display provides real-time information on power consumption, battery status, and any fault issues, ensuring safe and efficient operation. The slim aluminum housing and integrated grommets facilitate easy mounting and installation in various settings.

2. Important Safety Information

WARNING: Cancer and reproductive harm. For more information go towww.P65Warnings.ca.gov.
Always read and understand all instructions before using this product. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious injury.

- Ensure adequate ventilation around the inverter during operation to prevent overheating.
- Do not expose the inverter to rain or wet conditions.
- Keep children away from the inverter and connected devices.
- Connect the inverter only to a 12V DC power source.
- Do not attempt to disassemble or modify the inverter.
- Always turn off the inverter and disconnect it from the power source before performing any maintenance or cleaning.

3. What's in the Box

Your DEWALT DXAEPI1000 Power Inverter package includes the following items:

- DEWALT DXAEPI1000 Power Inverter Unit
- Battery Clamps for temporary connection
- Ring Terminals for permanent connection

- Mounting Hardware



This image illustrates the components included with the DXAEPI1000 Power Inverter: the inverter unit, ring terminals for permanent connection, and battery clamps for temporary connection.

4. Product Overview

The DEWALT DXAEPI1000 Power Inverter is engineered for durability and functionality, featuring a robust design and multiple power options.

Key Features:

- **1000 Watt Continuous Power:** Provides reliable power for various electronics and small appliances.
- **Dual 120V AC Outlets:** Standard household outlets for powering AC devices.
- **Three 3.1A USB Ports:** For charging smartphones, tablets, and other USB-powered devices.
- **LCD Display:** Shows real-time information on power consumption, battery status, and fault indicators.
- **Slim Aluminum Housing:** Durable and compact design for easy portability and installation.

- **Integrated Grommets:** For secure mounting in a vehicle or other locations.
- **Turbo Cooling Fan:** Automatically activates to maintain optimal operating temperature.



Front view of the DEWALT DXAEPI1000 Power Inverter, showcasing its robust yellow and black casing, LCD screen, two 120V AC outlets, and three 3.1A USB ports.



An annotated diagram showcasing key features of the DXAEPI1000, including the LCD screen with wattage and fault indicator, three 3.1A USB power ports, dual 120V AC outlets, mounting tabs with rubber grommets, powder-coated metal clamps, and a turbo cooling fan.

5. Setup and Installation

Proper setup is crucial for the safe and efficient operation of your DEWALT DXAEPI1000 Power Inverter.

Connecting to a 12V DC Power Source:

1. **Prepare the Vehicle:** Ensure the vehicle is turned off and the parking brake is engaged. Open the hood to access the vehicle's battery.
2. **Connect Inverter to Battery:** Use the provided battery clamps or ring terminals. Connect the red (+) cable to the positive (+) terminal of the battery and the black (-) cable to the negative (-) terminal of the battery. Ensure

connections are secure.

3. **Mounting (Optional):** The inverter features integrated grommets for permanent mounting. Choose a safe, stable, and well-ventilated location away from moving parts of the engine. Secure the inverter using appropriate mounting hardware.



A visual guide detailing the five-step process for operating the power inverter: opening the vehicle hood, connecting the inverter to the battery, turning on the vehicle, activating the inverter, and finally plugging in devices.

An official product overview video demonstrating the features and basic functionality of the DEWALT DXAEPI1000 Power Inverter.

6. Operating Instructions

Once the inverter is securely connected to your vehicle's 12V DC power source, you can begin using it to power your devices.

Basic Operation:

1. **Start the Vehicle:** For optimal performance and to prevent draining your vehicle's battery, start the vehicle's engine before turning on the inverter.

2. **Turn On Inverter:** Locate the ON/OFF switch on the inverter and switch it to the 'ON' position. The LCD display should illuminate.
3. **Connect Devices:** Plug your 120V AC devices into the AC outlets or your USB devices into the 3.1A USB ports. Ensure the total wattage of all connected devices does not exceed the inverter's continuous power rating (1000W).
4. **Monitor LCD Display:** The LCD screen will show the current power consumption, battery voltage, and any potential fault indicators. Monitor this display to ensure safe operation and prevent overloading.
5. **Turn Off Inverter:** When finished, disconnect all devices, then switch the inverter to the 'OFF' position. Finally, disconnect the inverter from the vehicle's battery.

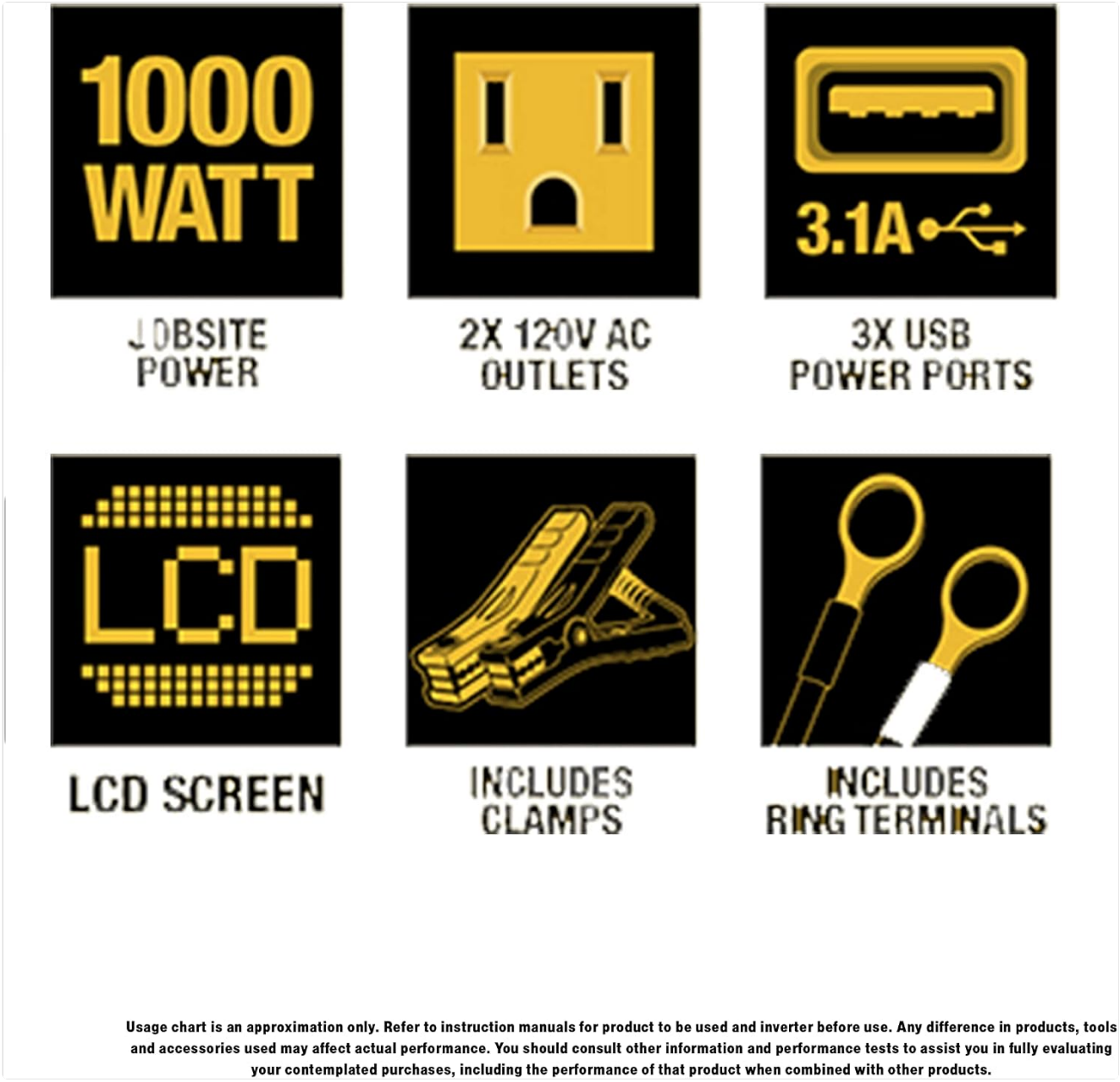
Understanding the LCD Display:

The LCD display provides critical information for monitoring the inverter's performance:

- **Input Voltage:** Displays the current voltage from your vehicle's battery.
- **Output Wattage:** Shows the total power being drawn by connected devices.
- **Battery Status:** Indicates the charge level of your vehicle's battery.
- **Fault Indicators:** Alerts you to potential issues such as overload, overheating, or low battery voltage.



This chart provides an approximation of wattage requirements for common tools and appliances, such as belt sanders, drills, laptops, and smartphones, when used with the inverter.



An example of the inverter in use, showing a person operating a laptop from the bed of a truck, demonstrating its utility for mobile power needs.

An informational video explaining the general purpose and function of a power inverter, specifically in the context of DEWALT products.

7. Maintenance

To ensure the longevity and optimal performance of your DEWALT DXAEPI1000 Power Inverter, follow these maintenance guidelines:

- **Cleaning:** Periodically clean the exterior of the inverter with a dry, soft cloth. Do not use abrasive cleaners or solvents. Ensure ventilation openings are free from dust and debris.
- **Connections:** Regularly check all electrical connections (battery clamps/ring terminals) for tightness and corrosion. Clean any corroded terminals with a wire brush and baking soda solution.
- **Storage:** When not in use for extended periods, store the inverter in a cool, dry place away from direct sunlight and moisture.

8. Troubleshooting

If you encounter issues with your DEWALT DXAEPI1000 Power Inverter, refer to the following common troubleshooting steps:

- **No Power Output:** Check all cable connections to the battery and the inverter. Ensure the vehicle engine is running and the inverter's ON/OFF switch is in the 'ON' position. Verify the vehicle's battery is adequately charged.
- **Overload Indication:** If the LCD display shows an overload warning, disconnect some devices to reduce the total power draw. The inverter will automatically reset once the load is within its capacity.
- **Overheating:** If the inverter indicates overheating, ensure it is in a well-ventilated area and that the cooling fan is not obstructed. Allow the unit to cool down before resuming operation.
- **Low Battery Voltage Alarm:** If the alarm sounds, it indicates your vehicle's battery voltage is too low. Start the vehicle's engine to recharge the battery or disconnect the inverter to prevent further battery drain.

9. Specifications



A side profile of the inverter highlighting its compact dimensions (9.3 x 12.4 x 4.7 inches) and weight (4.25 pounds), indicating its portability.

Feature	Detail
Model Number	DXAEPI1000

Feature	Detail
Continuous Wattage	1000 Watts
Input Voltage	12V DC
AC Output	Dual 120V AC Outlets
USB Output	Three 3.1A USB Ports
Display	LCD Screen (Power Consumption, Battery Status, Faults)
Dimensions (L x W x H)	9.3 x 12.4 x 4.7 inches
Item Weight	4.25 pounds
Power Source	Direct Connection to Vehicle Battery
Manufacturer	Baccus Global

10. Warranty and Support

The DEWALT DXAEPI1000 Power Inverter includes a limited 1-year manufacturer warranty. For warranty claims or technical support, please refer to the contact information provided in your product packaging or visit the official DEWALT website.

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

Open the live page

https://manuals.plus/asin/B0767F5DPJ

More documents and user manuals: **https://manuals.plus/**