DEWALT DXAEPS14-Type2

DEWALT DXAEPS14-Type2 Power Station User Manual

Model: DXAEPS14-Type2

Brand: DEWALT

Introduction

The DEWALT DXAEPS14-Type2 professional grade power station is designed to provide versatile mobile power solutions. It integrates a powerful jump starter, a 500 Watt AC Inverter, USB power, a 120 PSI Digital Compressor, and an LED work light into a single portable unit. This device is suitable for various applications, including roadside assistance, camping, and general power needs, offering assistance for dead car batteries, low tire pressure, and charging electronic devices.

What's in the Box

- DEWALT DXAEPS14-Type2 Jump Starter/Power Station
- Charging Adapter
- Heavy Duty Clamps and AC Charger (integrated)
- Sports Needle Adapter



Figure 1: Included components with the DEWALT DXAEPS14-Type2 Power Station.

Key Features

- **2000 Peak Amps:** Capable of instantly jump starting cars and trucks up to V8 engines.
- **120 PSI Digital Air Compressor:** Features auto-stop functionality and a SureFit nozzle for inflating vehicle tires, bike/scooter tires, and sports equipment.
- **500W AC Inverter:** Provides dual 120V AC outlets to power small electronics.
- **USB Power:** Includes 15W USB-A and 25W USB-C ports for charging phones and other electronic devices.
- **Reverse Polarity Protection:** Ensures correct connection of jumper cables for safe operation.
- **Integrated LED Work Light:** Illuminates work area for nighttime use.

Setup & Charging

Before initial use, fully charge the DEWALT DXAEPS14-Type2 Power Station. Connect the provided charging adapter to

the unit's charging port and plug it into a standard AC wall outlet. The digital display will indicate charging progress. A full charge ensures optimal performance and readiness for emergency situations.

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Video 1: Product Overview and Charging Demonstration. This video provides a general overview of the DEWALT DXAEPS14-Type2 Power Station, including how to charge the unit and its various features.

Operating Instructions

Jump Starting a Vehicle

1. Ensure the vehicle's ignition is off.
2. Connect the red positive (+) clamp to the positive terminal of the vehicle's battery.
3. Connect the black negative (-) clamp to a non-moving metal part of the vehicle's engine block or chassis, away from the battery.
4. The unit will automatically power on.
5. Turn on the ignition of your vehicle.
6. Once the vehicle starts, disconnect the negative (-) clamp first, then the positive (+) clamp.



Figure 2: Step-by-step guide for jump starting a vehicle using the DEWALT Power Station.

Using the Air Compressor

1. Uncoil the air hose from the side of the unit.
2. Thread the SureFit nozzle onto the tire valve stem.
3. Use the digital display to set the desired PSI. The unit features auto-stop, which will automatically shut off the compressor once the set pressure is reached.
4. Press the "AIR" button to start inflation.
5. Monitor the pressure on the digital display.
6. Once inflation is complete, disconnect the nozzle and coil the hose back.



Figure 3: The versatile 120 PSI air compressor in action, suitable for various inflation needs.

Using the Power Inverter & USB Ports

- To use the 500W AC inverter, slide open the protective covers on the front panel to reveal the 120V AC outlets.
- Plug your small electronic devices into the AC outlets.
- For USB charging, connect your devices to the 15W USB-A or 25W USB-C ports located on the front panel.
- Ensure devices do not exceed the inverter's maximum wattage.

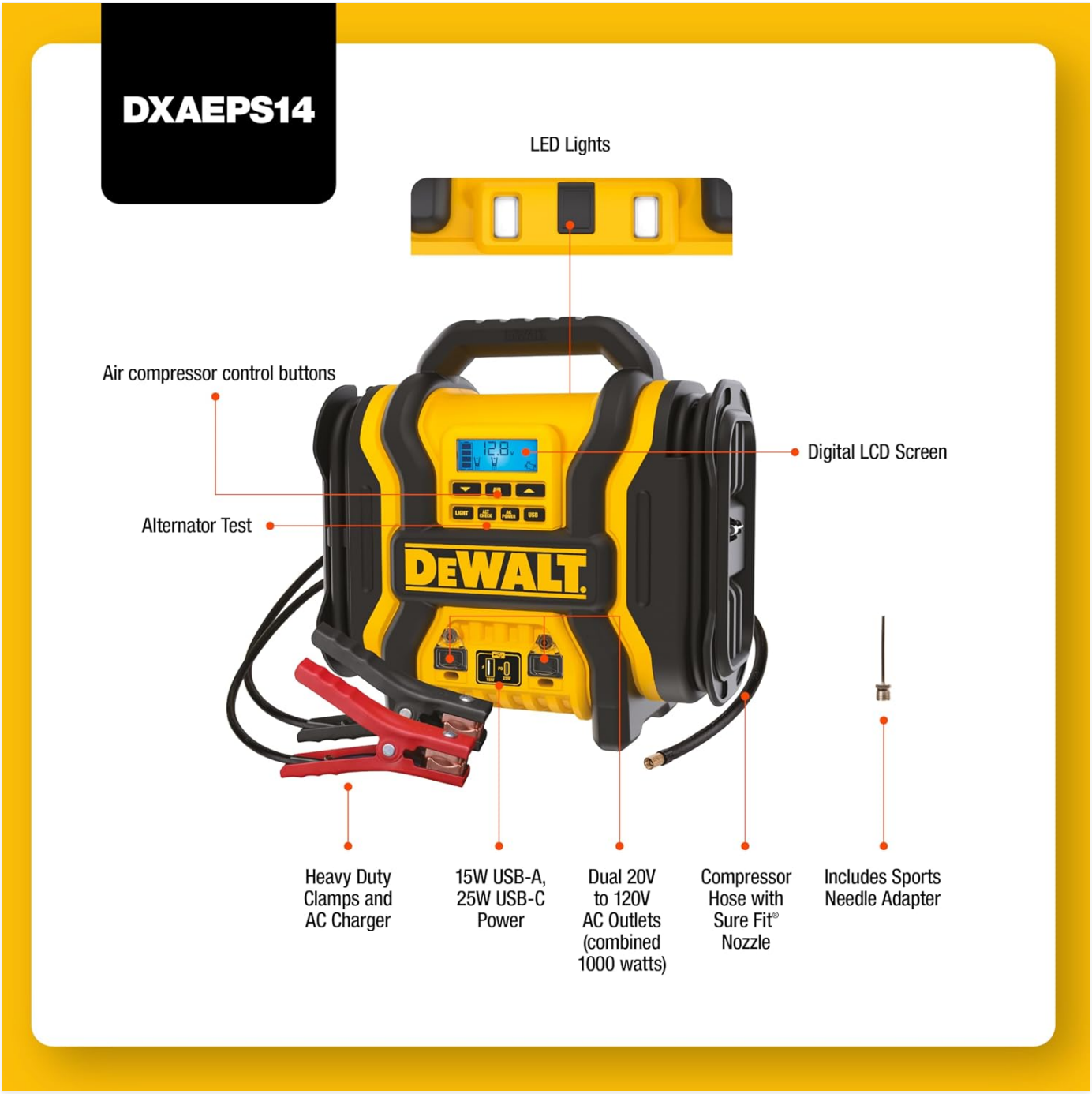


Figure 4: Front panel detailing the various power output options, including AC and USB ports.

Using the LED Work Light

The integrated LED work light provides illumination for low-light conditions. Press the "LIGHT" button on the control panel to activate the light. This feature is useful for roadside emergencies or working in dark environments.

Maintenance

- **Recharging:** For optimal battery life, recharge the unit after each use and at least every 3 months if not in frequent use.
- **Cleaning:** Wipe the unit with a dry, soft cloth. Do not use abrasive cleaners or solvents.
- **Storage:** Store the power station in a cool, dry place, away from direct sunlight and extreme temperatures. Ensure cables and accessories are neatly stored in their designated compartments.

Troubleshooting

Problem	Possible Cause	Solution
Unit does not power on.	Battery is fully discharged.	Recharge the unit fully.
Vehicle does not jump start.	Incorrect clamp connection; vehicle battery too low.	Check clamp polarity and connection points. Ensure unit is fully charged.
Air compressor does not inflate.	Hose not securely attached; target PSI already met.	Ensure nozzle is tightly threaded. Check current PSI reading.
AC outlets not providing power.	Device wattage exceeds inverter capacity; inverter not activated.	Verify device wattage is below 500W. Press "AC POWER" button to activate inverter.

Specifications

Feature	Detail
Brand	DEWALT
Model	DXAEPS14-Type2
Peak Amperage	2000 Amps
Air Compressor	120 PSI Digital with Auto-Stop
AC Power Inverter	500 Watts (Dual 120V AC Outlets)
USB Ports	15W USB-A, 25W USB-C
Product Dimensions	10.8"D x 5.6"W x 12.3"H
Item Weight	17.3 Pounds
Manufacturer	Baccus Global LLC

Warranty & Support

For warranty information, technical support, or service inquiries, please refer to the documentation included with your product or visit the official DEWALT website. Keep your purchase receipt as proof of purchase.

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