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

Skil PI0300C-00

SKIL PWR CORE 40 300W Power Inverter Instruction Manual

Model: PI0300C-00

1. Introduction

The SKIL PWR CORE 40 300W Power Inverter is designed to provide portable power for various devices. This cordless inverter delivers 300 watts of continuous power, with a peak power output of up to 500 watts. It is compatible with all SKIL PWR CORE 40 batteries (sold separately).

The inverter features multiple output ports, including a standard 120V AC outlet, USB-A, USB-C, and a 65W USB-C Power Delivery (PD) port, allowing simultaneous charging or powering of up to four devices. Its pure sine wave technology ensures high-quality, clean power suitable for sensitive electronics. For added convenience, an integrated LED light with two brightness settings and an onboard stand with a phone pocket are included.

2. Safety Information

WARNING: Read all safety warnings and instructions before operating this product. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

- Always use the inverter in a well-ventilated area.
- Do not expose the inverter to rain or wet conditions.
- Avoid using the inverter near flammable liquids or gases.
- Ensure the battery is securely inserted before use.
- Do not attempt to disassemble or modify the inverter.
- Keep children and unauthorized persons away from the operating area.
- Disconnect the battery when not in use or during maintenance.

3. Product Overview

The SKIL PWR CORE 40 300W Power Inverter is designed for portability and versatility. Key features include:

- **300W Continuous Power:** Provides reliable power with up to 500W peak power.
- **Multiple Output Ports:** One standard 120V AC outlet, one USB-A port, one USB-C port, and one 65W USB-C PD port.
- **Pure Sine Wave:** Delivers stable and clean power for sensitive electronics.
- **Integrated LED Light:** Features two brightness settings for illumination.
- **Onboard Device Stand & Phone Storage:** Conveniently prop up or store mobile devices.
- **Carrying Handle:** Ergonomically designed for easy transport.



Figure 1: SKIL PWR CORE 40 300W Power Inverter with battery inserted.

4. Setup

4.1 Battery Installation

1. Ensure the inverter is turned off.
2. Align the SKIL PWR CORE 40 battery with the battery slot on the inverter.
3. Slide the battery into the slot until it clicks securely into place.



Figure 2: Proper insertion of a SKIL PWR CORE 40 battery into the inverter.

4.2 Battery Removal

1. Press the battery release button, typically located on the battery itself or the inverter housing.
2. Gently slide the battery out of the slot.

5. Operating Instructions

5.1 Powering On/Off

- To power on the inverter, press and hold the power button until the indicator light illuminates.
- To power off, press and hold the power button again until the indicator light turns off.

5.2 Using Output Ports

- Plug your devices into the appropriate 120V AC outlet, USB-A, USB-C, or 65W USB-C PD ports.
- The inverter can power up to four devices simultaneously.
- Ensure your devices do not exceed the inverter's continuous power rating of 300W (500W peak).



Figure 3: The inverter can power up to four devices at once.

5.3 Using the LED Light

- Press the light button to cycle through the two brightness settings (low, high) and off.



Figure 4: The integrated LED light provides illumination with two settings.

5.4 Onboard Device Stand

- Utilize the integrated stand to prop up small devices like smartphones or tablets while they charge.



Figure 5: A mobile device can be conveniently placed in the onboard stand.

6. Charging SKIL PWR CORE 40 Batteries

The SKIL PWR CORE 40 300W Power Inverter itself does not charge batteries. It uses SKIL PWR CORE 40 batteries, which must be charged separately using a compatible SKIL PWR CORE 40 charger (not included with the inverter).

6.1 Charging Process

1. Connect your SKIL PWR CORE 40 charger to a standard power outlet.
2. Slide the SKIL PWR CORE 40 battery onto the charger until it clicks into place.
3. Monitor the charger's indicator lights to determine the charging status. Lights will typically blink during charging and become solid when fully charged.
4. Once fully charged, remove the battery from the charger.

Note: Charging times vary depending on the battery's amp-hour (Ah) rating and its current charge level. A 2.5Ah battery may take approximately an hour to fully charge from empty.

7. Maintenance

- **Cleaning:** Regularly wipe down the inverter with a dry, soft cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the inverter and batteries in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** For optimal battery life, avoid completely draining the battery before recharging. Store batteries with a partial charge if not used for extended periods.

8. Troubleshooting

Problem	Possible Cause	Solution
Inverter does not turn on.	Battery not inserted correctly or battery is drained.	Ensure battery is fully seated. Charge the battery.
Devices not charging/powering.	Inverter off, device not plugged in correctly, or device exceeds power limit.	Turn on inverter. Check connections. Verify device power requirements.
LED light not working.	Light function not activated.	Press the light button to activate.

9. Specifications

- **Model Name:** SKIL PWR CORE 40 40V 300W Inverter
- **Item Model Number:** PI0300C-00
- **Brand:** Skil
- **Continuous Power:** 300W
- **Peak Power:** 500W
- **Output Ports:** 1x 120V AC, 1x USB-A, 1x USB-C, 1x 65W USB-C PD
- **Waveform:** Pure Sine Wave
- **LED Light:** Two brightness settings
- **Product Dimensions (L x W x H):**9.69 x 6.34 x 4.53 inches
- **Item Weight:** 2.2 pounds
- **Compatibility:** All SKIL PWR CORE 40 batteries
- **What's in the Box:** PWRCore 40 300W Power Inverter

10. Warranty and Support

For warranty information, technical support, or to purchase compatible SKIL PWR CORE 40 batteries and chargers, please visit the official Skil website or contact their customer service. Keep your purchase receipt for warranty claims.
Online Resources: Visit the Skil Store on Amazon

© 2024 Skil. All rights reserved.

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/B0CWP3HQ5R

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