Zendure ZDSBP2000

Zendure SuperBase Pro 2000 Portable Power Station User Manual

Model: ZDSBP2000 | Brand: Zendure

1. Introduction and Overview

The Zendure SuperBase Pro 2000 is a high-capacity portable power station designed to provide reliable power for various applications, from home backup during power outages to outdoor adventures. With its robust 2096Wh battery and 2000W AC output (4000W peak), it can power a wide range of devices and appliances. Its advanced features ensure convenience, safety, and efficiency.



Figure 1.1: The Zendure SuperBase Pro 2000, a portable power station with a retractable handle and wheels.

2. Key Features

- **High Capacity & Power Output:** 2096Wh battery capacity with 2000W rated AC output (4000W peak) to power up to 14 devices simultaneously.
- **Ultra-Fast Charging:** Recharges to 80% in just 1 hour and fully charges in 1.5 hours via 1800W AC input or up to 2400W solar input.
- **UPS Functionality:** Equipped with Uninterruptible Power Supply (UPS) function, activating in 13ms to protect sensitive equipment during power outages.
- **Advanced Battery Management System (BMS):** Monitors voltage, current, short circuit, and temperature in real-time for enhanced safety and battery longevity.
- **Portable Design:** Features industrial-grade wheels, a retractable aluminum handle, and a low center of gravity for easy transport.
- **Smart Connectivity:** Built-in 4G IoT hardware, GPS, and Wi-Fi for remote monitoring and control via the Zendure app. Supports OTA (Over-The-Air) updates.

- **Multiple Output Ports:** Includes 6 AC outlets, 4 USB-C ports (up to 100W), and 3 DC outputs.

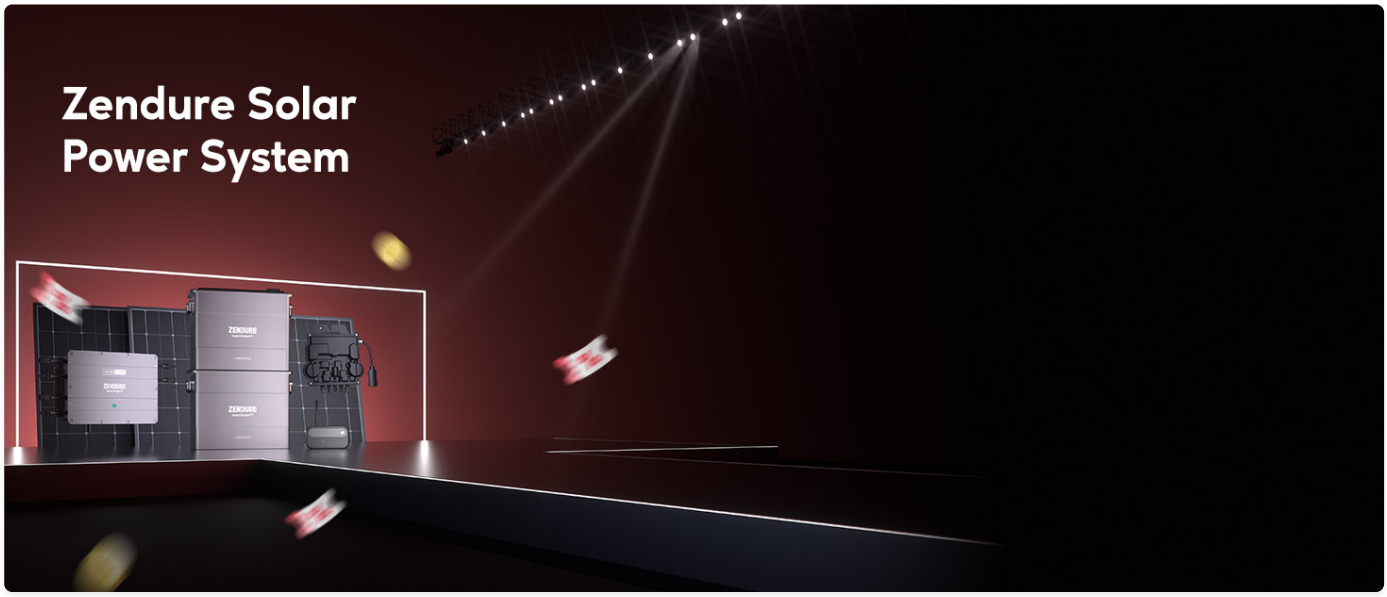


Figure 2.1: The SuperBase Pro 2000 provides power for various outdoor activities.



Figure 2.2: Overview of the 14 output ports and 2096Wh capacity, showing estimated runtimes for various appliances.

3. Setup

3.1 Unboxing and Initial Inspection

Carefully remove the SuperBase Pro 2000 from its packaging. Inspect the unit for any signs of damage. Ensure all accessories, including charging cables and the user manual, are present.

3.2 Charging the Power Station

Before first use, fully charge the SuperBase Pro 2000. It supports multiple charging methods:

- **AC Input:** Plug the provided AC charging cable into a standard wall outlet. The unit can reach 80% charge in 1 hour.
- **Solar Input:** Connect compatible solar panels to the unit. It supports up to 2400W solar input.

- **Car Charger:** Use a 12V car charger for on-the-go charging.
- **Generator:** Connect to a generator for charging.



Figure 3.1: Various methods to recharge the SuperBase Pro 2000, including AC, solar, car, and generator.



Figure 3.2: The SuperBase Pro 2000 connected to solar panels for charging.

4. Operating the Power Station

4.1 Powering On/Off

Press and hold the main power button on the unit's display to turn it on or off. The 6.1-inch intelligent display will activate, showing battery status, input/output wattage, and remaining runtime.

4.2 Connecting Devices

The SuperBase Pro 2000 features 14 output ports:

- **AC Outlets (x6):** For standard household appliances.
- **USB-C Outputs (x4):** For charging laptops, smartphones, and other USB-C compatible devices.

- **DC Outputs (x3):** For various DC-powered devices.



Figure 4.1: Detailed view of the 14 output ports available on the SuperBase Pro 2000.



Figure 4.2: The 6.1-inch clear display provides real-time information on power factor, input/output, and remaining charge time.

4.3 App Control and Monitoring

Download the Zendure app to remotely control and monitor your SuperBase Pro 2000. The app allows you to:

- Turn ports on/off.

- Activate Amp-Up Mode for higher wattage devices.
- Turn on Sleep Mode (Super Quiet).
- Schedule charging.
- Receive low-battery notifications.
- Track device location via GPS.

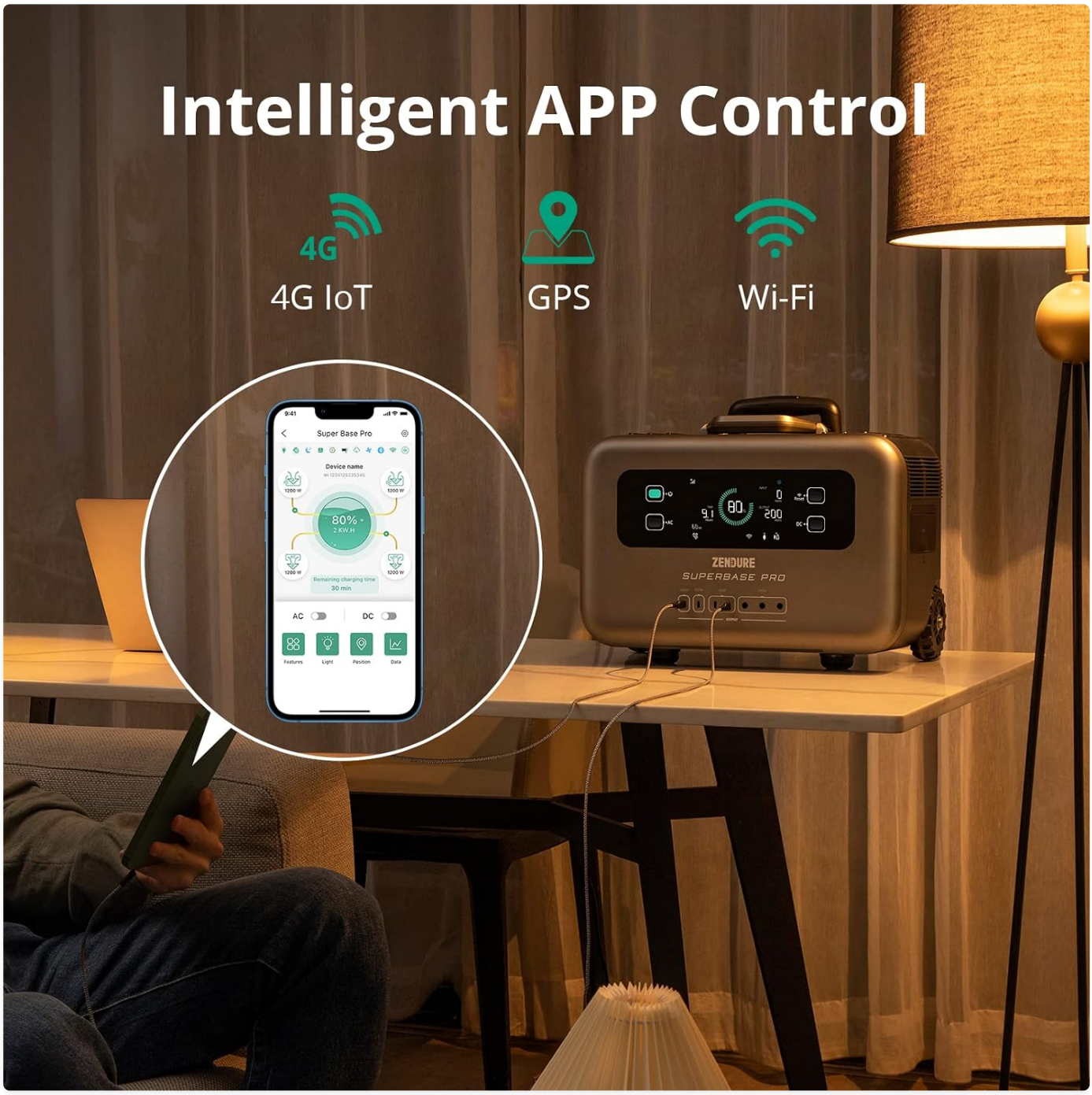


Figure 4.3: The Zendure app provides intelligent control via 4G IoT, GPS, and Wi-Fi.



Figure 4.4: Detailed view of the Zendure app's control features, including turning ports on/off, activating Amp-Up mode, and scheduling.

4.4 UPS Functionality

The UPS (Uninterruptible Power Supply) function ensures continuous power to connected devices during outages. When plugged into a wall outlet, the SuperBase Pro 2000 acts as a pass-through, and in case of power loss, it automatically switches to battery power within 13ms, preventing interruptions to your sensitive electronics.

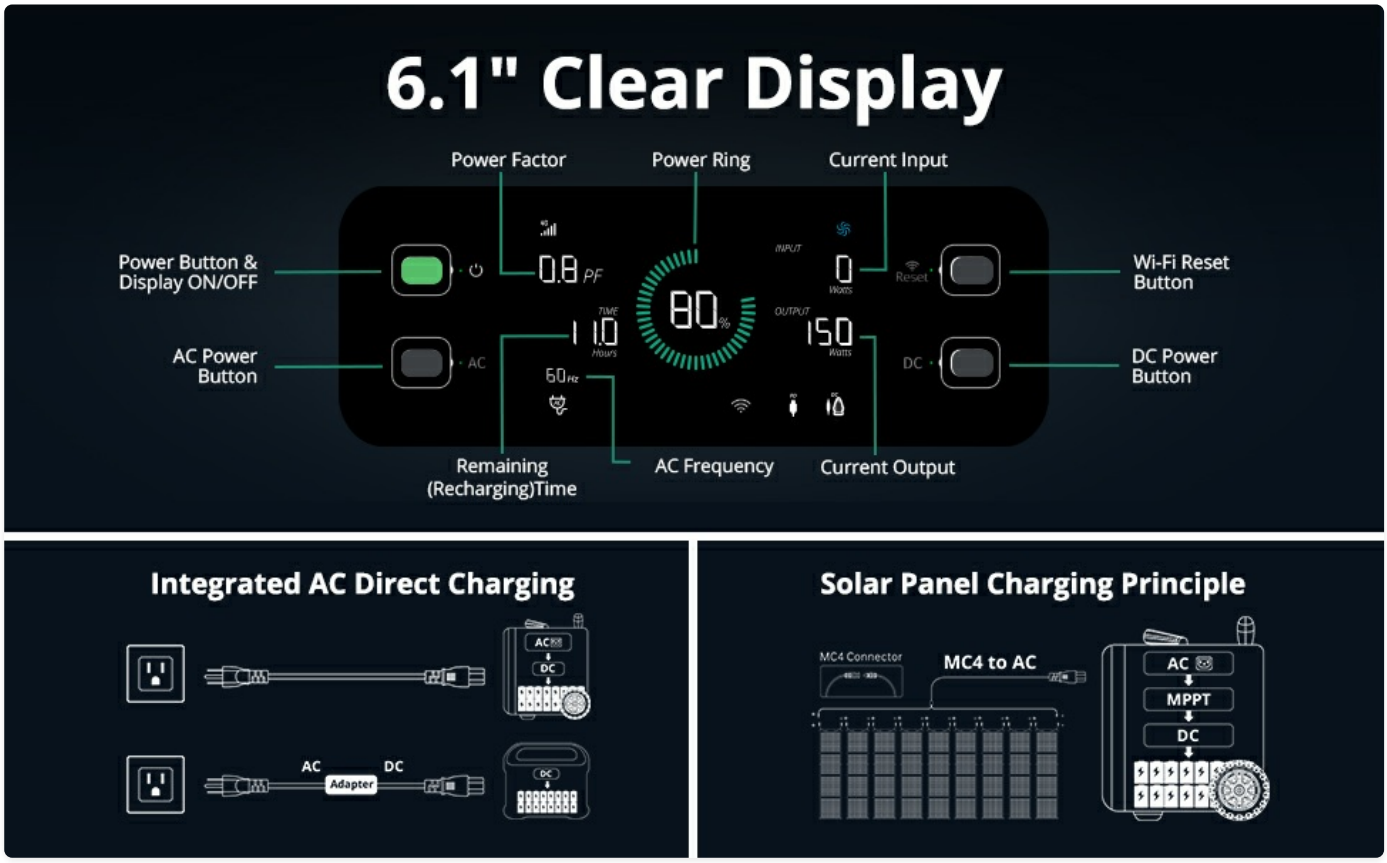


Figure 4.5: Diagram illustrating the seamless power transfer during an outage using the UPS function.

5. Maintenance

5.1 Battery Care

The SuperBase Pro 2000 uses advanced battery technology designed for longevity. To maximize battery lifespan, avoid completely draining the battery frequently. Store the unit in a cool, dry place away from direct sunlight and extreme temperatures.

5.2 Cleaning

Use a soft, dry cloth to clean the exterior of the unit. Do not use abrasive cleaners or immerse the unit in water.

5.3 Firmware Updates

Regularly check for firmware updates via the Zendure app to ensure optimal performance and access new features. OTA updates allow for convenient software improvements without needing to return the unit.

6. Troubleshooting

6.1 Power Output Issues

If devices are not receiving power, ensure the unit is powered on and the specific output ports (AC/DC/USB) are activated via the unit's buttons or the app. Check the display for any error messages.

6.2 Charging Problems

If the unit is not charging, verify that the charging cable is securely connected to both the unit and the power source. Ensure the power source is active. Check the display for input wattage to confirm charging is occurring.

6.3 App Connectivity Issues

If the app is not connecting, ensure the unit's Wi-Fi or 4G IoT is enabled. Check your device's internet connection. Try restarting the app or the SuperBase Pro 2000.

Video 6.1: Demonstrates the portability and ease of use of the Zendure SuperBase Pro 2000 for outdoor activities like camping.
Video 6.2: Highlights the SuperBase Pro 2000 as a solar generator and battery backup solution.
Video 6.3: Showcases the SuperBase Pro 2000 as a home backup battery, emphasizing its reliability.
Video 6.4: Provides a general overview of the Zendure Portable Power Station SBP, highlighting its features and applications.

7. Specifications

Attribute	Value
Brand	Zendure
Model Name	ZDSBP2000

Item Weight	46.5 Pounds
Product Dimensions	11.81"L x 13.62"W x 17.4"H
Wattage	2000 watts
Output Wattage	2000 Watts
Voltage	120 Volts (AC)
Battery Cell Type	Lithium-Nickel Manganese Cobalt (NMC)
Total Power Outlets	6
Special Feature	Movable trolley case design

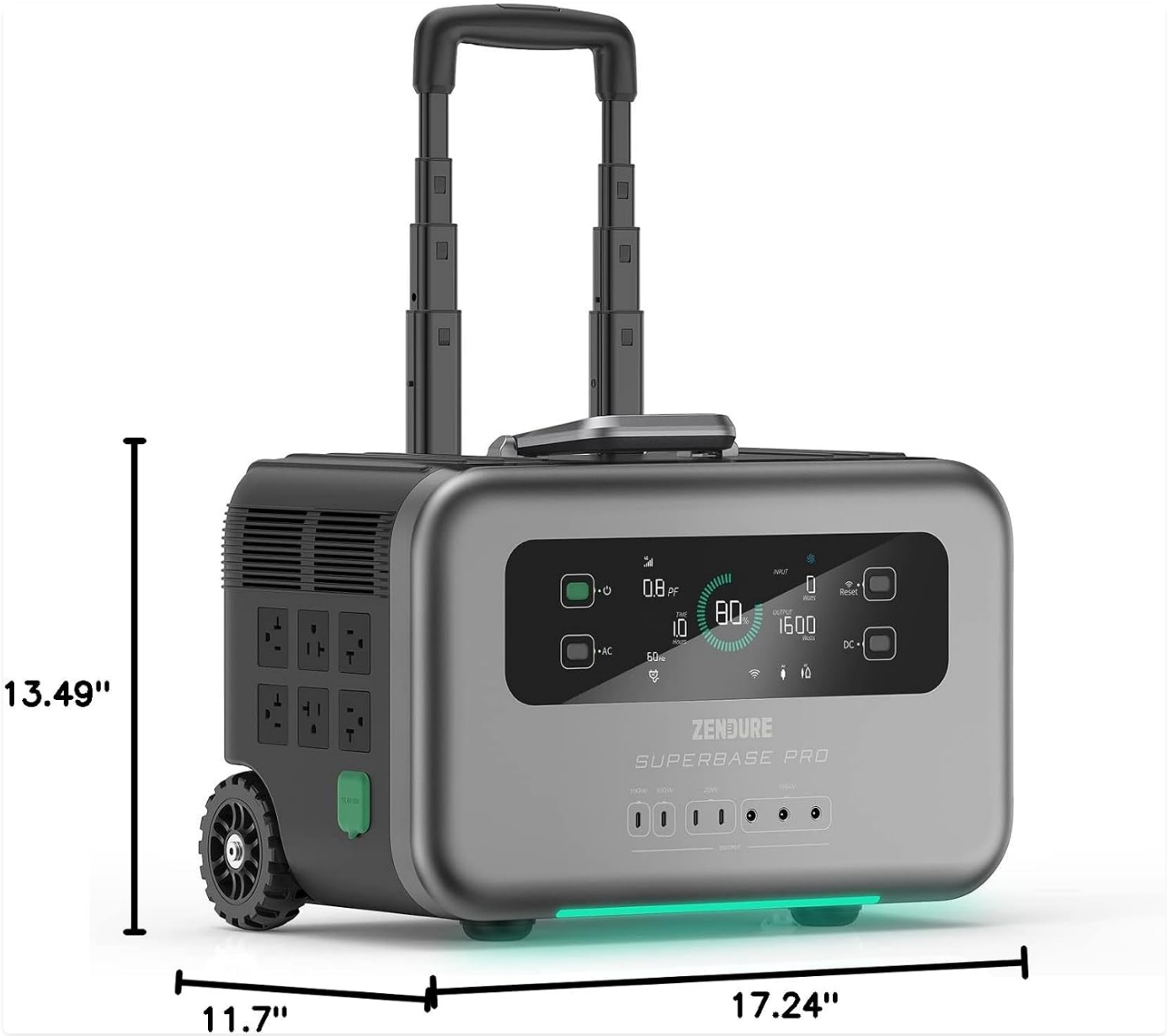


Figure 7.1: Dimensions of the Zendure SuperBase Pro 2000.

8. Warranty & Support

Zendure Portable Generator offers a 2-year warranty. Users who download the Zendure app and register as a Zendure member can extend the warranty for 1 year, totaling 3 years. For support, please refer to the official Zendure website or contact their customer service.
You can also find the User Manual in PDF formathere.

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