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## Zendure ZDSBP1500

# Zendure SuperBase Pro 1500 Portable Power Station User Manual

Model: ZDSBP1500 | Brand: Zendure

## 1. INTRODUCTION AND OVERVIEW

The Zendure SuperBase Pro 1500 is a high-capacity portable power station designed for versatile use, from emergency home backup to outdoor adventures. Featuring a 1440Wh LiFePO4 battery and 2000W AC output, it provides reliable power for a wide range of devices. This manual provides essential information for the safe and efficient operation of your SuperBase Pro 1500.



Figure 1.1: Zendure SuperBase Pro 1500 Portable Power Station, showcasing its compact design with wheels and handle.

## Key Features:

- **1440Wh Capacity & 2000W AC Output:** Capable of powering up to 14 devices simultaneously with a surge capacity of 4000W.
- **Fast Recharging:** Achieves 0 to 75% charge in 1 hour and 100% in 2 hours via AC1800W input.
- **LiFePO4 Battery:** Offers a long life cycle of 3000 charges to 80% capacity, ensuring durability and safety.
- **Smart Connectivity:** Integrated 4G IoT, GPS, and Wi-Fi for remote monitoring and control via the Zendure app.
- **Portable Design:** Equipped with industrial-grade wheels and a telescopic aluminum handle for easy transport.
- **Uninterruptible Power Supply (UPS):** Provides seamless power transition in 13ms during outages to protect sensitive equipment.

## 2. SETUP AND INITIAL CHARGING

Before first use, ensure your SuperBase Pro 1500 is fully charged. Unpack the unit and place it on a stable, flat surface in a well-ventilated area.

### Charging Methods:

The SuperBase Pro 1500 supports multiple charging methods:

- **AC Wall Outlet:** Connect the power station directly to a standard AC wall outlet using the provided cable. This

method supports up to 1800W input, allowing a full charge in approximately 2 hours.

- **Solar Panels:** Connect compatible solar panels (up to 1800W input) for eco-friendly charging.
- **Car Charger:** Charge from your vehicle's 12V car outlet.
- **Generator:** Connect to a compatible generator for charging.



Figure 2.1: Illustration of the five different ways to recharge the SuperBase Pro 1500, including AC, solar, car, and generator.

# 1800W Max AC Input



# 1800W Max Solar Input



Figure 2.2: The SuperBase Pro 1500 connected to a wall outlet for AC charging, demonstrating its fast charging capability.

# 14 Ports with 1,440Wh Capacity 2000W (Peak 4000W) Output

Power All Most All Home Appliance



**0.7-1.5H**

Electric Skillet (1500W)



**1-1.3H**

Blender (1000W)



**1.1-1.5H**

Microwave (1000W)



**7-15H**

Fridge (150W)



**44-53 Cups**

Coffee Maker (600W)



**0.6-3.4H**

Hair Dryer (1600W)



**22 recharges**

MacBook 13" (61W)



**1.3-1.7H**

Washer (800W)



**102 recharges**

iPhone 12 (20W)



**138 recharges**

Camera (10W)

Figure 2.3: The SuperBase Pro 1500 connected to multiple solar panels for solar charging, ideal for off-grid use.

## 3. OPERATING INSTRUCTIONS

The SuperBase Pro 1500 is designed for intuitive operation. Familiarize yourself with the display and output ports before use.

### Powering On/Off:

Press and hold the main power button on the display to turn the unit on or off. Individual AC and DC outputs can be toggled using their respective buttons.

### Output Ports:

The unit features 14 output ports to accommodate various devices:

- **6 x AC Outlets:** 120V/2000W (AmpUp to 3000W) for household appliances.
- **4 x USB-C Outputs:** USB-C1/C2: 5-20V 100W; USB-C3/C4: 5-12V 20W Total.
- **1 x Car Output:** 13.6V/10A 136W.
- **3 x DC Outputs:** 13.6V/10A 136W.

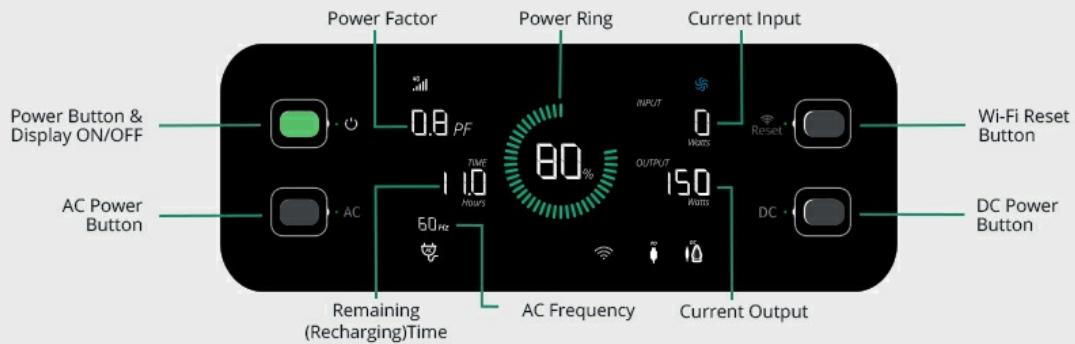


Figure 3.1: Detailed view of the SuperBase Pro 1500's 14 output ports, including AC, USB-C, car, and DC outputs.

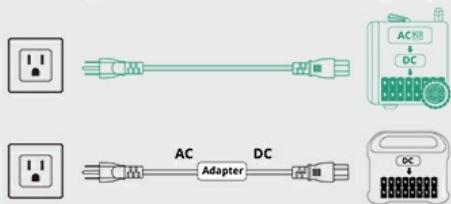
### Intelligent Display:

The 6.1-inch clear display provides real-time information on power factor, power ring, current input/output, remaining time, AC frequency, and more.

# 6.1" Clear Display



## Integrated AC Direct Charging



## Solar Panel Charging Principle

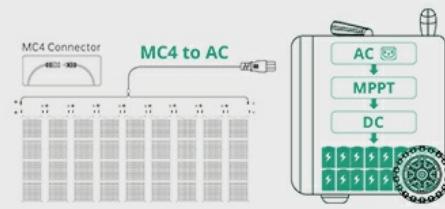


Figure 3.2: Close-up of the 6.1-inch intelligent display, showing various indicators like power factor, input/output wattage, and remaining battery life.

## App Control & 4G IoT:

Download the Zendure app to control and monitor your power station remotely. The built-in 4G IoT hardware and GPS allow management even without Wi-Fi, providing features like low battery notifications and device tracking.

# Portable, Fashionable and Durable

The best companion for outside



Figure 3.3: A smartphone displaying the Zendure app interface, demonstrating remote control capabilities for the power station.

## Uninterruptible Power Supply (UPS) Function:

When connected to an AC input, the SuperBase Pro 1500 can act as a UPS. In the event of a power outage, it automatically switches to battery power within 13ms, protecting connected sensitive electronics from data loss or damage.

# Awards & Certificate



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GOOD  
DESIGN



## Safety & Energy



ETL

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UN38.8



RoHS

CA65



FCC

CE

CA65



CEC

DOE

CEC

SDoc

DOE



SDoc

UL

Figure 3.4: Visual representation of the UPS function, showing power seamlessly switching to the SuperBase Pro 1500 during an outage.

## 4. MAINTENANCE AND CARE

Proper maintenance ensures the longevity and optimal performance of your SuperBase Pro 1500.

### **Battery Care:**

The LiFePO4 battery is designed for 3000 charge cycles to 80% capacity. For best battery health, avoid prolonged storage at extremely low or high charge levels. Recharge the unit at least once every 3-6 months if not in regular use.

### **Cleaning:**

Wipe the exterior with a soft, dry cloth. Do not use abrasive cleaners or immerse the unit in water. Keep the ventilation openings clear of dust and debris.

### **Storage:**

Store the power station in a cool, dry place away from direct sunlight and extreme temperatures. Ensure it is adequately charged before long-term storage.

### **Safety Features:**

The SuperBase Pro 1500 incorporates multiple safety technologies, including a Battery Management System (BMS), patented power management, intelligent temperature-activated fans, and solid craftsmanship to ensure safe operation.



Figure 4.1: Diagram illustrating the internal safety features of the SuperBase Pro 1500, including BMS and cooling systems.

## 5. TROUBLESHOOTING

This section addresses common issues you might encounter with your SuperBase Pro 1500.

### Unit Not Powering On:

- Ensure the battery is not completely depleted. Connect to a power source and attempt to charge.
- Press and hold the main power button for a few seconds to ensure it registers.

### Charging Issues:

- Verify that the charging cable is securely connected to both the power station and the power source.
- Check if the power source (wall outlet, solar panel, etc.) is functioning correctly.
- Ensure the ambient temperature is within the recommended charging range (typically 0°C to 40°C).

### No Output from Ports:

- Ensure the individual AC or DC output buttons are activated.
- Check if the connected device is within the power station's output limits (2000W for AC, 3000W surge).
- Verify that the cables connecting your devices are not damaged.

If issues persist, please refer to the warranty and support section for contact information.

## 6. TECHNICAL SPECIFICATIONS

Feature	Specification
Model Name	ZDSBP1500
Capacity	1440Wh
AC Output	2000W (Surge 4000W)
Battery Type	LiFePO4 (Lithium Iron Phosphate)
Life Cycles	3000 cycles to 80%+ capacity
AC Input	1800W Max (Full charge in 2 hours)
Solar Input	1800W Max
Total Power Outlets	14
Dimensions (L x W x H)	17.6" x 10.9" x 13.9"
Item Weight	41.5 Pounds
Special Features	Movable trolley case design, UPS function, 4G IoT & App Control

## 7. WARRANTY AND SUPPORT

Zendure offers a comprehensive warranty and dedicated customer support for your SuperBase Pro 1500.

### Warranty Information:

The Zendure SuperBase Pro 1500 comes with a standard **2-year warranty**. You can extend this warranty by an additional **1 year (total 3 years)** by downloading the Zendure app and registering as a Zendure member.

### Customer Support:

For technical assistance, troubleshooting, or warranty claims, please contact Zendure customer service. Zendure provides 24-hour friendly service.

Visit the official Zendure store for more information and support resources: [Zendure Official Store](#)

