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4smarts Solar Powerbank Rugged TitanPack UltiMag 20000mAh User Manual

Model: TitanPack UltiMag 20000mAh | Brand: 4smarts

1. INTRODUCTION

The 4smarts Solar Powerbank Rugged TitanPack UltiMag 20000mAh is a robust and versatile portable charging solution designed for outdoor enthusiasts and everyday use. Featuring a high-capacity 20000mAh battery, integrated solar panel, and MagSafe-compatible wireless charging, this power bank ensures your devices stay powered in various environments. Its rugged, water-resistant, and dust-resistant design provides durability and reliability. This manual provides essential information on how to set up, operate, maintain, and troubleshoot your power bank.



Figure 1.1: The 4smarts Solar Powerbank, showcasing its rugged design and solar panel. This device is built for durability and portable power.

2. PRODUCT OVERVIEW AND COMPONENTS

Familiarize yourself with the various components and features of your 4smarts Solar Powerbank.



Figure 2.1: Labeled diagram of the power bank's ports and indicators.

- **Solar Panel:** Located on the front, for emergency trickle charging.
- **Battery Indicator:** LED lights showing remaining battery percentage (25, 50, 75, 100%).
- **LED Lamp:** Built-in flashlight for illumination.
- **Magnetic Fast Charging Pad:** For MagSafe-compatible wireless charging.
- **USB 3.0 Output Ports:** Two standard USB-A ports for wired charging.
- **Type-C Input & Output Port:** Versatile port for charging the power bank or other devices.
- **MicroUSB Input Port:** Alternative input for charging the power bank.
- **Lightning Input Port:** Another alternative input for charging the power bank.
- **Switch/Power Button:** Controls power and LED lamp.
- **Fast Charge Indicator:** Indicates when fast charging is active.

3. SETUP AND INITIAL USE

3.1 Initial Charging

Before first use, fully charge your power bank using a wall adapter.

1. Connect a compatible charging cable (USB-C, MicroUSB, or Lightning) to the corresponding input port on the power bank.
2. Connect the other end of the cable to a USB wall adapter (not included) or a computer's USB port.
3. The battery indicator LEDs will illuminate, showing the charging progress. All four LEDs will be solid when fully charged.

3.2 Understanding Battery Indicators

The four LED lights indicate the remaining battery capacity:

- One LED: 0-25%

- Two LEDs: 25-50%
- Three LEDs: 50-75%
- Four LEDs: 75-100%

3.3 Solar Charging

The integrated solar panel is designed for emergency charging and maintaining the battery level in outdoor conditions. It is not intended as the primary charging method due to its slower charging speed.

- Place the power bank with the solar panel facing direct sunlight.
- A small green sun icon will illuminate on the display when solar charging is active.
- For optimal solar charging, ensure no obstructions block the panel.



Figure 3.1: The power bank can be attached to a backpack for solar charging during outdoor activities.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off and Checking Battery Level

Press the power button once to turn on the power bank and check the current battery level. The power bank will automatically turn off after a few seconds if no device is connected.

4.2 Wired Charging Devices

You can charge up to three devices simultaneously using the wired ports.

1. Connect your device's charging cable to one of the USB 3.0 Output ports or the Type-C Input & Output port on the power bank.
2. Connect the other end of the cable to your device.
3. The power bank will automatically begin charging your device.



Figure 4.1: The power bank can charge multiple devices simultaneously via its various ports.

4.3 Wireless Charging (UltiMag / MagSafe Compatible)

The power bank supports 15W Qi wireless charging and is compatible with MagSafe-enabled devices.

1. Ensure the power bank is turned on.
2. Place your MagSafe-compatible smartphone directly onto the magnetic wireless charging pad on the back of the power bank. The magnets will align the phone correctly.

3. For non-MagSafe Qi-enabled devices, simply place them centrally on the charging pad.
4. Wireless charging will begin automatically.



Figure 4.2: A smartphone being charged wirelessly on the MagSafe-compatible pad.

4.4 Using the LED Lamp

The power bank includes a built-in LED lamp for illumination.

- To turn the LED lamp on or off, press and hold the power button for approximately 3 seconds.

5. MAINTENANCE AND CARE

Proper care will extend the lifespan of your 4smarts Solar Powerbank.

- **Cleaning:** Wipe the power bank with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners. Ensure the solar panel is clean for efficient charging.
- **Storage:** Store the power bank in a cool, dry place away from direct sunlight and extreme temperatures. For long-term storage, charge the power bank to about 50-75% every 3-6 months to maintain battery health.

- **Water and Dust Resistance:** The power bank is designed to be water and dust resistant. However, avoid prolonged submersion in water or exposure to heavy dust, and ensure all port covers are securely closed when not in use.



Figure 5.1: The power bank is water and dust resistant, making it suitable for rugged environments.

6. TROUBLESHOOTING

If you encounter issues with your power bank, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Power bank not charging.	Cable issue, adapter issue, or port damage.	Try a different charging cable and/or wall adapter. Ensure the cable is fully inserted into the port. Try a different input port (USB-C, MicroUSB, Lightning).

Problem	Possible Cause	Solution
Device not charging from power bank.	Power bank low on charge, incorrect cable, or device not properly connected.	Ensure the power bank is sufficiently charged. Press the power button to activate output. Try a different output port or charging cable. For wireless charging, ensure proper alignment.
Solar charging is very slow or ineffective.	Insufficient sunlight, dirty solar panel, or misunderstanding of solar panel's purpose.	Ensure the power bank is in direct, strong sunlight. Clean the solar panel surface. Remember that the solar panel is for emergency/trickle charging, not fast primary charging. It will take a very long time to fully charge via solar.
LED lamp not turning on.	Incorrect button press or low battery.	Press and hold the power button for 3 seconds. Ensure the power bank has sufficient charge.

7. SPECIFICATIONS

Detailed technical specifications for the 4smarts Solar Powerbank Rugged TitanPack UltiMag 20000mAh.

- **Model:** TitanPack UltiMag
- **Battery Capacity:** 20000 mAh
- **Input Ports:**
 - USB Type-C
 - MicroUSB
 - Lightning
- **Output Ports:**
 - 2 x USB Type-A
 - 1 x USB Type-C (shared input/output)
- **Wireless Charging:** 15W Qi (MagSafe compatible)
- **Solar Panel Output:** Max. 1.3W (for trickle charging)
- **Voltage:** 5 Volts (typical output)
- **Special Features:** Rugged, Water-resistant, Dust-resistant, Integrated LED Lamp, Fast Charge Indicator
- **Dimensions (L x W x H):** Approximately 177mm x 95mm x 33mm
- **Weight:** Approximately 534g
- **Color:** Black with orange accents

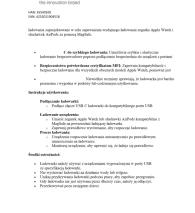


Figure 7.1: Detailed dimensions of the power bank.

8. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the official 4smarts website or contact their customer service directly. Keep your proof of purchase for any warranty claims.

Official Website: www.4smarts.com (Please note: This is a placeholder link. Refer to your product packaging or official documentation for the precise support contact information.)

	<p>4smarts TitanPack UltiMag Powerbank Safety and Technical Information</p> <p>This document provides essential safety instructions and technical specifications for the 4smarts TitanPack UltiMag powerbank, covering electrical and battery safety precautions, and detailing its power and capacity.</p>
	<p>4smarts Magnetic SSD Enclosure Kickstand User Guide</p> <p>Comprehensive guide for the 4smarts Magnetic SSD Enclosure Kickstand, covering safety, installation, technical specifications, MagSafe compatibility, and usage with devices like iPhone 15 Pro for ProRes recording.</p>
	<p>4smarts MFi Fast Charger for Apple Watch - Instrukcja Użytkowania i Cechy</p> <p>Szczegółowy opis ładowarki 4smarts MFi Fast Charger for Apple Watch, zawierający informacje o funkcjach, instrukcje użytkowania, środki ostrożności oraz informacje o utylizacji. Kompatybilna z Apple Watch i AirPods przez MagSafe.</p>
	<p>4smarts TRIDENT Wireless Charger User Manual and Specifications</p> <p>Comprehensive user manual for the 4smarts TRIDENT wireless charger, detailing safety instructions, technical specifications, setup guide, troubleshooting, and warranty information.</p>
	<p>4smarts Power Bank Pocket Dual Cord 22.5W User Manual</p> <p>User manual for the 4smarts Power Bank Pocket Dual Cord 22.5W, detailing safety instructions, technical specifications, usage notes, maintenance, warranty, and disposal information.</p>
	<p>4smarts Picofold 5000mAh Power Bank User Manual and Specifications</p> <p>User guide and technical specifications for the 4smarts Picofold 5000mAh Power Bank, including safety instructions, function notes, care, warranty, and disposal information.</p>