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## Skazeke MD1

# Skazeke Mini UPS 20000mAh Uninterrupted Power Supply (Model MD1) Instruction Manual

Welcome and thank you for choosing the Skazeke Mini UPS. This manual provides essential information for safe and efficient use of your device.

## PRODUCT OVERVIEW

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The Skazeke Mini UPS is a compact and portable uninterruptible power supply designed to provide backup power for small DC-powered devices during power outages. It features a 20000mAh lithium-ion battery and multiple output ports.

### Key Features:

- Uninterrupted power supply for devices such as wireless routers, modems, LED lights, and CCTV cameras.
- Unique power sharing function allows selection of 9V or 12V for any port, with a maximum shared current of 3A (if all ports are set to the same voltage) or 2A (if different voltages are used).
- Large 20000mAh (74Wh) capacity with an additional USB 5V/2A output for charging smartphones.
- Multi-port compatibility: 1x 5V/2A USB, 1x 5V/2A DC, 1x 9V DC, 2x 12V DC outputs. Note: This device is not suitable for higher power products like laptops.
- Multiple intelligent protection features: short circuit protection, voltage fluctuation protection, overcharging protection, over-discharge protection, temperature protection, and overcurrent protection.

### Package Contents:

- 1x Skazeke Mini UPS (20000mAh)
- 4x DC cables
- 1x Charger (Max 19V/4.74A)
- 9x DC adapters
- 1x Instruction Manual

Note: Screws for wall mounting are not provided.

## PRODUCT COMPONENTS

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Familiarize yourself with the various ports and indicators on your Mini UPS.

# Several ways UPS can be placed

Can be hung on the wall



Can be placed flat



Can stand up

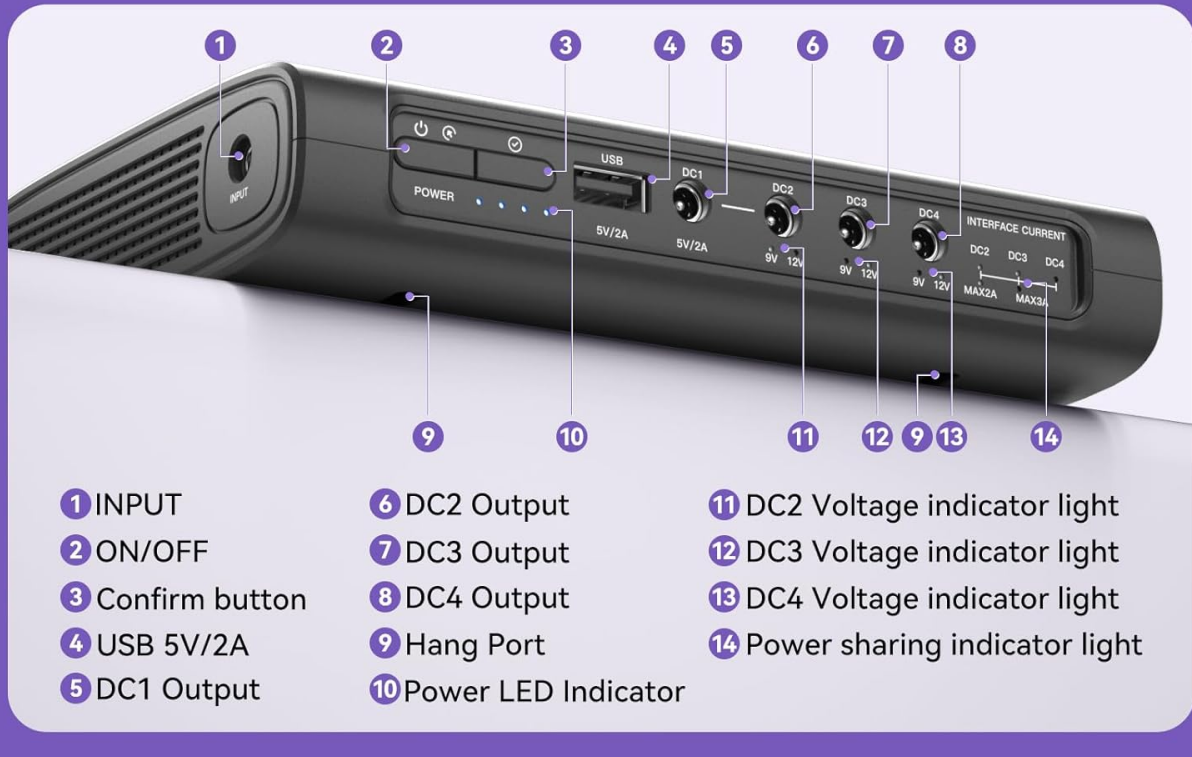


Image: Detailed view of the Skazeke Mini UPS showing input, power button, USB port, DC output ports (DC1, DC2, DC3, DC4), voltage indicator lights, power sharing indicator, and hang port.

1. INPUT Port
2. ON/OFF Button
3. Confirm Button (for voltage selection)
4. USB 5V/2A Output Port
5. DC1 Output Port (5V/2A)
6. DC2 Output Port (9V/12V selectable)
7. DC3 Output Port (9V/12V selectable)
8. DC4 Output Port (9V/12V selectable)
9. Hang Port (for wall mounting)
10. Power LED Indicators (battery level)
11. DC2 Voltage Indicator Light
12. DC3 Voltage Indicator Light
13. DC4 Voltage Indicator Light
14. Power Sharing Indicator Light


## SETUP INSTRUCTIONS

### 1. Initial Charging:


Before first use, fully charge the Mini UPS using the provided 19V/4.74A charger. Connect the charger to the INPUT port. The blue power LED indicators will illuminate to show charging progress and battery level.


## How to use UPS

- 1** The first step is to check if the current of your device is within 3A before purchasing.



DUAL BAND WIRELESS ROUTER  
Model: TL-WDR7400  
Power specification: 9V=2A  
Management page: 192.168.1.1
- 2** Receive the product and charge UPS separately


- 3** When your device needs to be connected to UPS, please carefully read and follow the instructions to set it up.


- 4** The device is starting to run




Image: A visual guide demonstrating the charging process of the Mini UPS, showing the charger connected to the input port and the power indicator lights.

### 2. Connecting Devices:

Identify the voltage and current requirements of your device (e.g., router, modem, camera). Ensure the device's current draw is within 3A. Select the appropriate DC cable and adapter from the package. The DC plug size is 5.5x2.1mm. If your device requires a different size, you may need to prepare an adapter yourself.

# Multi port output, Charge 5 at Once

Mini uninterruptible power supply back up battery pack can power for most 5V/9V/12V DC equipment, wireless routers, telephone, LED strip, monitor cameras, etc



Image: The Skazeke Mini UPS providing power to various devices simultaneously, including a router, security camera, and smartphone, demonstrating its multi-port capability.

For DC2, DC3, and DC4 ports, you can select between 9V and 12V output. Press the 'Confirm' button (next to the power button) to cycle through voltage options for these ports until the desired voltage indicator lights up.

Your browser does not support the video tag.

Video: A demonstration on how to correctly connect devices to the Skazeke Mini UPS, showing the process of plugging in DC cables to the appropriate ports.

### 3. Mounting Options:

The Mini UPS can be placed flat, stood upright, or mounted on a wall using the integrated hang ports. Ensure secure mounting if choosing the wall-mount option.

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Video: A short clip demonstrating how the UPS can be mounted or placed in various positions, including wall suspension.

## OPERATING INSTRUCTIONS

### Powering On/Off:

Press the power button to turn the UPS on or off. The blue LED indicators will illuminate to show the remaining battery level.

### Power Sharing Function:

The power sharing function allows DC2, DC3, and DC4 ports to share a maximum current of 3A if they are set to the same voltage (either all 9V or all 12V). If devices with different voltages are connected to these ports, the maximum shared current is 2A.

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Video: A guide on how to set up the shared 3A current for the UPS, demonstrating the voltage selection and current sharing capabilities.

## Devices that support any current below 3A.

The voltage of the UPSDC2, DC3, and DC4 interfaces is not fixed and can be switched freely between 9V/12V.

**Loser**



3A Router

Power sharing not enabled



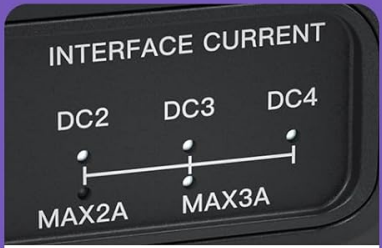
DC2  
9V 12V 9V

Can be set separately for 9V or 12V



INTERFACE CURRENT  
DC2 DC3 DC4  
MAX2A MAX3A

Two interfaces already share power



INTERFACE CURRENT  
DC2 DC3 DC4  
MAX2A MAX3A

Three interfaces already share power

Image: An illustration explaining the power sharing feature, showing how current is distributed across DC2, DC3, and DC4 ports depending on voltage settings.

### Usage Scenarios:

The Mini UPS provides seamless power during outages for essential devices, ensuring continuous operation of your network and security systems.

# Power outage, equipment is running normally

It can provide hours of operation during power failure.

Before power outage



Network continues to operate

After power outage



Network continues to operate

Image: A visual comparison showing a router operating normally before a power outage and continuing to operate with the Skazeke Mini UPS during an outage.

## MAINTENANCE

To ensure optimal performance and longevity of your Skazeke Mini UPS:

- Keep the device in a cool, dry place, away from direct sunlight and extreme temperatures.
- Avoid exposing the device to water or excessive humidity.
- Do not attempt to disassemble or repair the unit yourself. Contact customer support for assistance.
- Charge the UPS fully at least once every three months if not in regular use to maintain battery health.

## SAFETY INFORMATION AND PROTECTIONS

Your Skazeke Mini UPS is equipped with multiple intelligent protection features to ensure safe operation:

- **Short Circuit Protection:** Prevents damage from electrical shorts.
- **Voltage Fluctuation Protection:** Safeguards against unstable voltage input.
- **Overcharging Protection:** Protects the battery from being overcharged.

- **Over-discharge Protection:** Prevents the battery from being fully depleted, extending its lifespan.
- **Temperature Protection:** Monitors and regulates internal temperature to prevent overheating.
- **Overcurrent Protection:** Shuts down if connected devices draw excessive current.

## 8 Safety Protections

Our UPS can be used in living rooms, bedrooms, offices, garages, and outdoors with multiple protective measures to ensure safe use.



Image: A graphic representation highlighting the eight safety protection mechanisms integrated into the Skazeke Mini UPS for secure operation.

### TROUBLESHOOTING

#### Common Issues and Solutions:

- **UPS not charging:** If the battery indicator light flashes continuously when connected to the input adapter, the adapter voltage may not match the UPS voltage. Ensure you are using the provided charger or one with compatible specifications.
- **Device not powering on/off unexpectedly:** Check if the connected device's current exceeds 3A. If it does, the voltage indicator light will keep flashing, and the UPS may shut down to protect itself. Reduce the load or ensure total current draw is within limits.
- **No power output from DC ports:** Verify that the UPS is turned on and fully charged. Ensure the correct voltage (9V or 12V) is selected for the specific DC port.
- **Power sharing not working as expected:** For 3A shared current, ensure all connected devices to DC2,

DC3, and DC4 are set to the same voltage (all 9V or all 12V). If voltages differ, the maximum shared current is 2A.

If you encounter issues not covered here, please refer to the support section for contact information.

## SPECIFICATIONS

Feature	Detail
Model Number	MD1
Battery Capacity	20000mAh (74Wh) Lithium Ion
Input	19V/4.74A (Max)
Output (USB)	5V/2A
Output (DC1)	5V/2A
Output (DC2, DC3, DC4)	9V/12V (selectable)
Max Shared Current (DC2, DC3, DC4)	3A (if same voltage), 2A (if different voltages)
Product Dimensions	6.3 x 4.33 x 1.18 inches
Item Weight	1.1 pounds
Color	Black

## WARRANTY AND SUPPORT

For warranty information or technical support, please contact Skazeke customer service. If you have any questions or issues with the product, our support team is available to assist you.

Contact information can typically be found on the product packaging or the official Skazeke website.