

ELECOM DE-NEST15000A

ELECOM NESTOUT Rugged Power Bank User Manual

Model: DE-NEST15000A | Brand: ELECOM

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your ELECOM NESTOUT Rugged Power Bank. Designed for outdoor enthusiasts, this 15000mAh power bank offers robust charging capabilities with enhanced durability. Please read this manual thoroughly before operation and retain it for future reference.

2. PACKAGE CONTENTS

Verify that all items listed below are present in your package:

- NESTOUT Power Bank
- USB-C Charging Cable
- Product Manual (this document)

Note: Tripod and lights are NOT included with power banks and must be purchased separately.

3. SETUP AND INITIAL CHARGING

Before first use, fully charge your ELECOM NESTOUT Rugged Power Bank. The power bank is equipped with USB-C Power Delivery (PD) for fast charging.

- Uncap Ports:** Carefully unscrew the protective caps covering the USB ports on top of the power bank.
- Connect Charging Cable:** Insert the provided USB-C charging cable into the USB-C port on the power bank. Connect the other end of the cable to a compatible USB-C power adapter (18W or above recommended for optimal charging speed).
- Monitor Charge Indicator:** The LED indicator lights on the power bank will illuminate to show the charging progress. All lights will be solid when fully charged.

4. **Secure Caps:** Once charging is complete, disconnect the cable and securely screw the protective caps back onto the ports to maintain the IP67 waterproof and dustproof rating.



Figure 1: The ELECOM NESTOUT Rugged Power Bank in Beige, showcasing its robust design.

4. OPERATING INSTRUCTIONS

4.1 Charging External Devices

The power bank is equipped with both USB-A and USB-C ports to charge a variety of electronic devices.

1. **Uncap Ports:** Unscrew the protective caps from the desired USB-A or USB-C port.
2. **Connect Device:** Connect your device to the power bank using an appropriate charging cable. The power bank features Smart Power Delivery, automatically detecting and allocating optimal power to connected devices.
3. **Monitor Charging:** Your device should begin charging automatically.
4. **Secure Caps:** After charging, disconnect your device and securely replace the protective caps.



Designed for Harsh Environments

With a waterproof and dustproof IP67 rating, our gear is designed to conquer any terrain with confidence.

Figure 2: The power bank charging multiple devices simultaneously, demonstrating its versatility.

Dustproof

Sealtight rubber o-ring prevents dust and debris from entering the power bank ports.



Figure 3: A visual representation of the smart power delivery feature, optimizing charge for various electronics.

4.2 Attaching Modular Accessories (e.g., LAMP-1)

The NESTOUT Power Bank is designed to integrate with modular accessories like the LAMP-1 lantern (sold separately).

1. **Remove Cap:** Unscrew one of the protective caps from the power bank's USB ports.
2. **Attach Accessory Ring:** If your accessory comes with a separate ring (like the LAMP-1), screw this ring onto the exposed port until it stops firmly.
3. **Connect Accessory:** Align the accessory (e.g., LAMP-1) with the port and push it down until it clicks securely into place. Ensure the connection is firm to maintain water resistance.
4. **Operate Accessory:** Use the accessory's controls (e.g., the dimmable switch on the LAMP-1) as per its own instructions.

Lights Snap Into Place

NESTOUT lights quickly snap into place on top of the batteries, providing reliable illumination wherever you are.



*lights are not included and must be purchased separately

Figure 4: A user demonstrating how the LAMP-1 accessory snaps securely onto the power bank for integrated use.

4.3 Using the Tripod Mount

The power bank features a standard 1/4-20" tripod mount on its bottom, allowing for stable placement or attachment to other compatible accessories.

- **Attach Tripod:** Screw a mini tripod (sold separately) or other compatible mounting solution into the threaded hole at the bottom of the power bank.
- **Position:** Place the power bank on a flat surface using the tripod, or utilize the tripod's legs to hang the unit if it supports such functionality.

6 Safety Protections

Adventure safely with six safety protections, including temperature detection and safeguards against overvoltage, short circuit, overcharge, over-discharge, and overcurrent.



Figure 5: A detailed view of the built-in 1/4-20" tripod thread at the base of the power bank, ready for accessory attachment.

5. MAINTENANCE AND CARE

To ensure the longevity and optimal performance of your ELECOM NESTOUT Rugged Power Bank, follow these maintenance guidelines:

- **Keep Ports Covered:** Always ensure the protective caps are securely screwed onto the USB ports when not in use. This is crucial for maintaining the IP67 waterproof and dustproof rating.
- **Cleaning:** Wipe the power bank with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure ports are dry before uncapping.
- **Storage:** Store the power bank in a cool, dry place away from direct sunlight and extreme temperatures.
- **Shock Resistance:** While designed to be shockproof (MIL-STD 810G 516.7 Drop Test compliant), avoid unnecessary drops or impacts to prevent internal damage. The internal silicone cushion helps minimize vibration and shock transmission.



SMART USB POWER DELIVERY

delivers more power to devices that needs it most

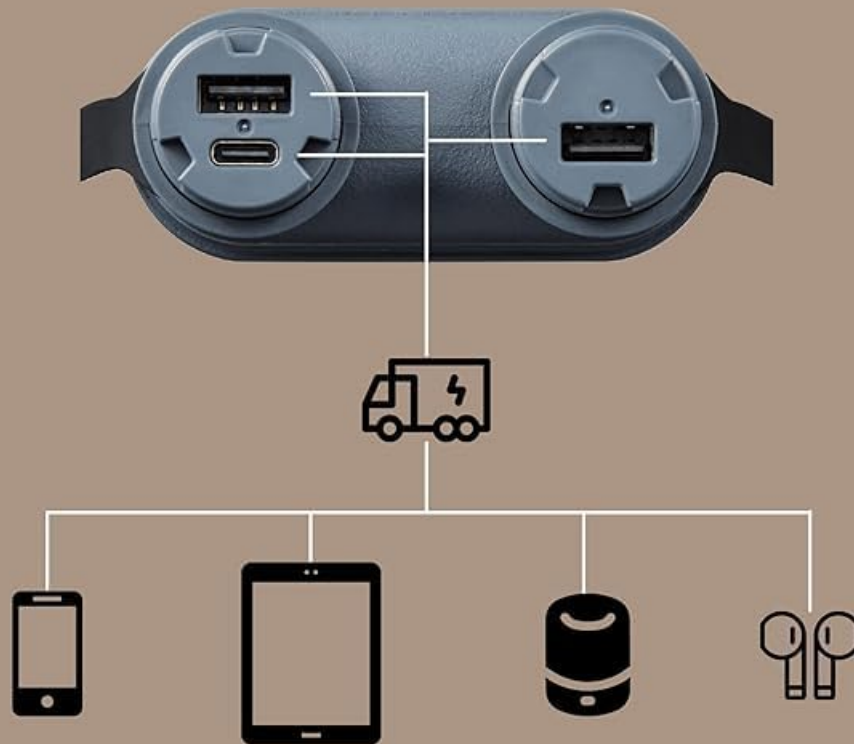


Figure 6: The power bank submerged in shallow water, illustrating its IP67 waterproof capability for harsh environments.

Shock Absorbent Cushion

The internal shock absorbent cushion protects your battery from accidental drops, perfect for rugged explorations.



Figure 7: An exploded view diagram highlighting the internal shock absorbent cushion that protects the lithium-ion battery.

6. TROUBLESHOOTING

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

- **Power Bank Not Charging:** Ensure your AC charging adapter is 18W or above. Charging via a PC USB port may be slower or not possible due to lower power output. Check that the USB-C charging cable is securely connected to both the power bank and the adapter.
- **Device Not Charging from Power Bank:** Ensure the power bank has sufficient charge. Check that the protective caps are fully unscrewed and the charging cable is properly inserted into both the power bank and your device. Try a different cable or port.
- **Slow Charging:** Use a high-quality USB-C cable and a power adapter with sufficient wattage (18W+ PD). Some devices may draw less power than others.
- **LED Indicators Not Working:** If the power bank is not responding, try connecting it to a power source for a few minutes. If the issue persists, contact customer support.

The power bank includes six safety protections against overvoltage, short circuit, overcharge, over-discharge, and overcurrent, ensuring safe operation.

Built-in Tripod Thread

The bottom has 1/4-20" threading that supports tripods and other compatible attachments.



Figure 8: The power bank in use, emphasizing its six safety protections during device charging.

7. SPECIFICATIONS

Product Dimensions	5 x 2.4 x 3 inches
Item Weight	12.8 ounces
Model Number	DE-NEST15000A
Battery Type	1 Lithium Ion battery (included)
Battery Capacity	15000 Milliamp Hours
Waterproof/Dustproof Rating	IP67
Shock Resistance	MIL-STD 810G 516.7 Drop Test Compliant
Connector Type	USB Type A, USB Type C

Special Features	Auto Shut-Off, Fast Charging, LED Indicator Lights, Scratch Resistant, Short Circuit Protection
Color	Beige
Manufacturer	ELECOM CO., LTD
First Available	February 28, 2023

8. WARRANTY AND SUPPORT

This product comes with a 1-year warranty. In the unlikely event of a product defect, ELECOM offers a product warranty for quality issues. Within 1 year of purchase, defective products can be replaced by applying for a return or exchange using the return/exchange request form on the official ELECOM USA website (elecomusa.com). For more detailed information regarding the warranty policy, please visit the website. For additional support, you may refer to the official User Manual PDF available online [User Manual \(PDF\)](#)