

Powerextra MH 25

Powerextra Dual USB Battery Charger MH 25 Instruction Manual

Brand: Powerextra | Model: MH 25

1. INTRODUCTION

Thank you for choosing the Powerextra Dual USB Battery Charger MH 25. This manual provides essential information for the safe and efficient operation of your charger. This device is designed to charge two Nikon EN-EL15 batteries simultaneously via a convenient USB connection, compatible with various Nikon D-series cameras including D7100, D750, D7000, D7200, D810, D610, D800, D850, D600, D800e, and D810a, 1v1 Cameras.

2. PRODUCT FEATURES

- **Dual Charging Capability:** Charges two batteries simultaneously.
- **Smart LCD Display:** Clearly shows the charging status and capacity for each battery (CH1 and CH2).
- **Versatile USB Input:** Input: 5V 2A. Can be powered by any USB device such as a desktop computer, laptop, power bank, or USB wall adapter.
- **Integrated USB Cable:** Features a foldable USB cable on the backside for portability and convenience.
- **Micro USB Input Port:** An additional micro USB port allows for charging with an external cable if desired.
- **Multi-Protection System:** Includes over-voltage, over-current, short-circuit, and over-charge protection for safe and reliable charging.
- **Compact and Portable Design:** Easy to carry for travel or outdoor use.

3. SETUP

The Powerextra Dual USB Battery Charger is designed for ease of use. Follow these steps to set up your charger:

1. **Unfold the USB Cable:** Locate the integrated USB cable on the backside of the charger. Gently unfold it from its storage slot.
2. **Connect to Power Source:** Plug the USB-A connector into a compatible USB power source (e.g., computer USB port, USB wall adapter, power bank). The charger's LCD display will illuminate.

3. **(Optional) Use Micro USB Input:** If you prefer to use an external micro USB cable, plug it into the micro USB input port on the side of the charger and connect the other end to a USB power source.

The USB cable is folded in the charger backside, easy to carry around when out or travel



Figure 3.1: The integrated USB cable folds neatly into the back of the charger for easy transport.

Compatible with multiple input sources

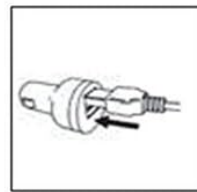
Can be charged by USB adapter, power bank, laptop, car charger or other devices with USB port, perfect for outdoor power supply.



Laptop



USB adapter



Car Charger



Power Bank

Figure 3.2: The charger supports multiple USB input sources for flexible charging options.

4. OPERATING INSTRUCTIONS

Once the charger is connected to a power source, you can begin charging your batteries:

1. **Insert Batteries:** Carefully insert one or two Nikon EN-EL15 batteries into the charging slots (CH1 and CH2). Ensure the battery contacts align correctly with the charger's pins. The batteries should fit snugly and securely.
2. **Monitor Charging Status:** The smart LCD display will show the individual charging status for each battery. Battery icons will animate to indicate active charging. The display will show the current charge level.
3. **Full Charge Indication:** When a battery is fully charged, its corresponding battery icon on the LCD display will show a full, static charge (no animation).
4. **Remove Batteries:** Once charging is complete, carefully remove the batteries from the slots. Disconnect the charger from the power source when not in use.

Charging two batteries simultaneously



Note: the batteries are not included in the package

Figure 4.1: The charger can charge two batteries simultaneously, with individual status displayed.

Intelligent LCD dual charger displays each battery charging status and capacity



Figure 4.2: The intelligent LCD display provides real-time charging status and capacity for each battery.

5. SAFETY INFORMATION

Please read and adhere to the following safety guidelines to prevent fire, moisture damage, electric shock, and ensure safe operation:

- Do not disassemble the unit. Disassembly voids warranty and can lead to electric shock.
- Do not expose the charger to rain or moisture. Use in dry locations only.
- Avoid dropping or subjecting the charger to strong impacts.
- Do not use the charger with damaged batteries or if the charger itself is damaged.
- Keep out of reach of children.
- Ensure proper ventilation during charging. Do not cover the charger.
- Only charge compatible batteries (Nikon EN-EL15 series).
- Disconnect the charger from the power source when not in use or during cleaning.

Multi-protection, safe and reliable



Over-voltage
protection



Over-current
protection



Short circuit
protection



Over-charge
protection



Figure 5.1: The charger incorporates multiple safety protections for reliable use.

6. SPECIFICATIONS

Feature	Detail
Model Number	MH 25
Input	5V 2A
Output	8.4V 800mA
Battery Compatibility	Nikon EN-EL15, MH-25, MH-25a
Compatible Cameras	Nikon D7100, D750, D7000, D7200, D810, D610, D800, D850, D600, D800e, D810a, 1v1
Battery Cell Composition	Lithium Ion
Item Weight	3.2 ounces
Package Dimensions	4.69 x 3.39 x 0.98 inches

7. TROUBLESHOOTING

- **Charger not turning on:** Ensure the USB cable is securely connected to both the charger and a working USB power source. Try a different USB port or power adapter.
- **Battery not charging:** Verify that the battery is correctly inserted into the charging slot with contacts aligned. Ensure the battery is compatible with the charger. Try charging a different battery to isolate the issue.
- **Slow charging:** Ensure your USB power source provides sufficient current (recommended 5V 2A). Charging from a low-power USB port (e.g., some older computer ports) may result in slower charging times.
- **LCD display issues:** If the display is not showing correct information, try disconnecting and reconnecting the charger. If the issue persists, contact customer support.

8. MAINTENANCE

To ensure the longevity and optimal performance of your Powerextra Dual USB Battery Charger, follow these maintenance tips:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the charger. Do not use liquid cleaners or solvents. Ensure the charging contacts are free of dust and debris.
- **Storage:** Store the charger in a cool, dry place away from direct sunlight and extreme temperatures. When storing, fold the integrated USB cable neatly into its slot.
- **Handling:** Handle the charger with care to avoid physical damage.

Exquisite workmanship



Figure 8.1: The charger's compact design makes it easy to store and maintain.

9. WARRANTY AND SUPPORT

Powerextra stands behind the quality of its products. If you encounter any issues or have questions regarding your charger, please refer to the contact information below:

- **Email:** service@powerextra.com
- **Website:** www.powerextra.com

If you are satisfied with your product, consider sharing a positive review. If you have any defects or quality problems, please contact customer service for assistance. They will arrange for replacement or refund if applicable.



Figure 9.1: Powerextra Dual USB Battery Charger.