

Nikon MH-33

Nikon MH-33 Battery Charger Instruction Manual

Model: MH-33

1. INTRODUCTION

This manual provides essential instructions for the safe and effective use of your Nikon MH-33 Battery Charger. Please read this manual thoroughly before using the product and retain it for future reference. The MH-33 is designed to charge specific Nikon EN-EL18 series rechargeable Lithium-ion batteries.

2. SAFETY INFORMATION

To prevent injury to the user or damage to the product, observe the following safety precautions:

- Use only with compatible Nikon EN-EL18d, EN-EL18c, and EN-EL18b batteries. Do not attempt to charge EN-EL18 or EN-EL18a batteries.
- Ensure the charger is connected to a compatible power source (e.g., Nikon EH-7P AC Adapter or a suitable USB power source).
- Do not expose the charger to water, moisture, or extreme temperatures.
- Avoid dropping or subjecting the charger to strong impacts.
- Do not disassemble or modify the charger. Refer all servicing to qualified personnel.
- Keep out of reach of children.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- Nikon MH-33 Battery Charger

Note: The EH-7P AC Adapter (power source) is sold separately and is required for operation.

4. PRODUCT OVERVIEW

The Nikon MH-33 is a compact battery charger designed for specific Nikon Lithium-ion batteries. It features a single charging slot and indicators for charge status and a calibration function.



Image: Top-down view of the Nikon MH-33 Battery Charger. The charger features a battery slot, gold contact pins, and indicators for charge percentage (50%, 80%, 100%) with corresponding estimated charging times (2h, 4h, 6h). A 'CALIBRATION' button is also visible.

5. SETUP

To prepare your MH-33 Battery Charger for use:

1. **Connect Power:** Connect the MH-33 charger to a Nikon EH-7P AC Adapter (sold separately) or a compatible USB power source using a USB-C cable.
2. **Power On:** Plug the EH-7P AC Adapter into a wall outlet. The charger's indicators may briefly illuminate.

6. OPERATING INSTRUCTIONS

6.1. Charging a Battery

Follow these steps to charge a compatible battery:

1. Ensure the charger is connected to a power source.
2. Insert a compatible EN-EL18d, EN-EL18c, or EN-EL18b battery into the charging slot, aligning the contacts correctly.
3. The charge indicators will illuminate to show the current charge level and charging progress.
4. A fully exhausted EN-EL18d battery typically takes approximately four hours to fully charge.
5. Once charging is complete, all charge indicators will remain steadily lit. Remove the battery from the charger.

6.2. Calibration Function

The MH-33 can perform calibration of compatible batteries. Refer to your camera's manual for specific recommendations on when to calibrate batteries.

1. Insert the battery into the charger.
2. Press and hold the 'CALIBRATION' button until the calibration process begins (indicated by specific light patterns, refer to camera manual for details).
3. Allow the calibration process to complete fully.

6.3. Charge Indicators

The charger features LED indicators to display the battery's charge status:

- **50% (2h):** Indicates the battery is charging and has reached approximately 50% capacity, or has been charging for about 2 hours.
- **80% (4h):** Indicates the battery is charging and has reached approximately 80% capacity, or has been charging for about 4 hours.
- **100% (6h):** Indicates the battery is fully charged, or has been charging for about 6 hours.
- The lights will typically blink during charging and become solid when the corresponding charge level is reached.

7. MAINTENANCE

Proper maintenance ensures the longevity of your charger:

- **Cleaning:** Use a soft, dry cloth to clean the charger. Do not use liquid cleaners or solvents.
- **Storage:** Store the charger in a cool, dry place away from direct sunlight and extreme temperatures when not in use.
- Ensure the charging contacts are free from dust and debris.

8. TROUBLESHOOTING

If you encounter issues with your MH-33 Battery Charger, refer to the table below:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Charger does not power on or charge.	No power supply connected or incompatible power source.	Ensure the Nikon EH-7P AC Adapter (sold separately) or a compatible USB power source is correctly connected and plugged into a working outlet.
Battery not charging.	Battery not inserted correctly or incompatible battery.	Re-insert the battery, ensuring contacts align. Verify the battery is an EN-EL18d, EN-EL18c, or EN-EL18b.
Charge indicators behave erratically.	Faulty battery or charger.	Try a different compatible battery. If the issue persists, contact Nikon support.

9. SPECIFICATIONS

Feature	Detail
Model Number	MH-33 (Nikon 27218)
Compatible Batteries	EN-EL18d, EN-EL18c, EN-EL18b Lithium-ion
Output Voltage	11.1 Volts
Dimensions (D x W x H)	4 x 2.5 x 4 inches (10.16 x 6.35 x 10.16 cm)
Item Weight	5.1 ounces (144.58 grams)
Manufacturer	Nikon

10. WARRANTY AND SUPPORT

For information regarding warranty coverage, service, or technical support for your Nikon MH-33 Battery Charger, please refer to the warranty card included with your product or visit the official Nikon website. Keep your proof of purchase for warranty claims.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question