

## PATONA EN-EL15c

# PATONA Protect V1 EN-EL15c Battery Instruction Manual

Model: EN-EL15c

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## 1. INTRODUCTION

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This manual provides essential instructions for the safe and effective use of your PATONA Protect V1 EN-EL15c rechargeable lithium-ion battery. This battery is designed to provide reliable power for compatible Nikon Z and D-series cameras. Please read this manual thoroughly before using the product.



Image: The PATONA Protect V1 EN-EL15c battery, a black rectangular battery with PATONA branding and specifications printed on it.

## 2. SAFETY INFORMATION

Observe the following safety precautions to prevent damage to the battery or injury to yourself.

- Do not disassemble, open, or shred the battery pack.
- Do not expose the battery to heat or fire. Avoid storage in direct sunlight.
- Do not short-circuit the battery pack. Do not store battery packs haphazardly in a box or drawer where they may short-circuit each other or be short-circuited by other metal objects.

- Do not remove the battery pack from its original packaging until required for use.
- Do not subject battery packs to mechanical shock.
- In the event of a battery leaking, do not allow the liquid to come into contact with the skin or eyes. If contact has been made, wash the affected area with copious amounts of water and seek medical advice.
- Do not use any charger other than that specifically provided for use with the equipment.
- Do not use any battery pack which is not designed for use with the equipment.
- Keep batteries out of the reach of children.
- Dispose of used batteries promptly and according to local regulations.
- The battery is designed to withstand temperatures from  $-20^{\circ}\text{C}$  to  $+100^{\circ}\text{C}$ . However, avoid prolonged exposure to extreme temperatures for optimal performance and longevity.

## TEMPERATURE RESISTANT



**+90°C**



**-20°C**

✓ Can withstand temperatures ranging from  $-20^{\circ}\text{C}$  to  $+100^{\circ}\text{C}$

✓ No damage to housing or battery cells



Image: An illustration showing the PATONA Protect V1 battery's temperature resistance, indicating it can withstand temperatures from  $-20^{\circ}\text{C}$  to  $+100^{\circ}\text{C}$  without damage to the housing or battery cells. A camera on a tripod in a desert landscape is shown in the background, suggesting outdoor use.

## 3. SETUP

### 3.1 Initial Charging

Before first use, fully charge the battery. New batteries are typically shipped with a partial charge.

### 3.2 Inserting the Battery

1. Ensure your camera is turned off.
2. Open the battery compartment cover on your Nikon camera.
3. Align the battery with the compartment, matching the contacts.
4. Gently push the battery into the compartment until it clicks into place.
5. Close the battery compartment cover securely.

## PREMIUM PROTECT LI-ION BATTERY



**2600**  
mAh

**18.72**  
Wh

**7.2**  
Volt

**EN-EL15C**

Image: The PATONA Protect V1 EN-EL15c battery shown next to a Nikon camera, illustrating its compatibility and how it fits into the camera's battery slot. The image also highlights that it can be charged with the original charger.

## 4. OPERATION

### 4.1 Charging the Battery

The PATONA Protect V1 EN-EL15c battery offers flexible charging options:

- **In-Camera Charging:** The battery can be charged directly inside compatible Nikon cameras using a Nikon EH-7P charging adapter (sold separately). Refer to your camera's manual for specific instructions.
- **External Charging:** Use compatible Nikon external chargers such as MH-25, MH-25a, or MH-34 (sold separately). Insert the battery into the charger and connect the charger to a power source. The charger's indicator light will show the charging status.

### 4.2 Battery Level Indicator

This battery features an integrated info-chip, allowing your camera to display the remaining battery runtime directly on its screen. This provides accurate power management during use.

# 100% COMPATIBLE



Can be charged with the

**Original charger**



With NIKON Cameras:

**1V1 D7000 D7100 D7200 D7500 D600**  
**D610 D750 D780 D800 D810 D850**  
**Z5 Z6 Z6II Z7 Z7II**

Image: A woman holding a camera, with an overlay indicating "With Info-Chip" and "Remaining runtime directly readable," demonstrating the battery's ability to communicate its charge level to the camera.

### 4.3 Compatibility

The PATONA Protect V1 EN-EL15c battery is 100% compatible with the following Nikon camera models:

- Nikon Z Series: Z5, Z6, Z6 II, Z7, Z7 II, Z8, Zf
- Nikon D Series: D500, D600, D610, D750, D780, D800, D810, D850, D7000, D7100, D7200, D7500

## 5. MAINTENANCE

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### 5.1 Cleaning

Wipe the battery with a clean, dry cloth. Do not use liquid cleaners or solvents.

### 5.2 Storage

For long-term storage, charge the battery to approximately 50% and store it in a cool, dry place away from direct sunlight and extreme temperatures. Avoid storing fully charged or completely depleted batteries for extended periods.

### 5.3 Battery Longevity

To maximize battery life, avoid frequent full discharges and charges. Partial charges are generally better for lithium-ion batteries. The integrated NTC resistor automatically adjusts power supply to ensure consistent performance and protect the battery.

## 6. TROUBLESHOOTING

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Problem	Possible Cause	Solution
Battery not charging	Incorrect charger, poor connection, faulty battery/charger.	Ensure correct charger (Nikon MH-25/25a/34 or EH-7P) is used. Check connections. Try a different charger or battery if available.
Camera not powering on with battery	Battery not inserted correctly, battery depleted, faulty battery.	Re-insert battery, ensure it's fully charged. Try a different battery if available.
Short battery life	Battery degradation, extreme operating temperatures, heavy camera usage.	Ensure battery is fully charged. Avoid extreme temperatures. Consider replacing the battery if it's old or significantly degraded.
Battery feels hot during use/charging	Normal operation (slight warmth), overcharging, internal fault.	Slight warmth is normal. If excessively hot, discontinue use and charging immediately. Contact support if heat persists or is extreme. The PROTECT technology includes NTC resistance for temperature regulation.

## 7. SPECIFICATIONS

<b>Model Name</b>	EN-EL15c
<b>Battery Type</b>	Lithium-ion
<b>Capacity</b>	2400 mAh
<b>Voltage</b>	7.2 V
<b>Energy</b>	18.72 Wh
<b>Dimensions (L x W x H)</b>	5.6 x 3.9 x 2 cm
<b>Weight</b>	76 g
<b>Operating Temperature Range</b>	-20°C to +100°C (V1 Protect housing)
<b>Compatibility</b>	Nikon Z5, Z6, Z6 II, Z7, Z7 II, Z8, Zf, D500, D600, D610, D750, D780, D800, D810, D850, D7000, D7100, D7200, D7500
<b>Safety Features</b>	Overcharge, overheating, short-circuit protection, NTC sensor

## 8. WARRANTY AND SUPPORT

### 8.1 Warranty Information

PATONA products are manufactured to high-quality standards. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official PATONA website. Keep your proof of purchase for warranty claims.

### 8.2 Customer Support

If you encounter any issues or have questions regarding your PATONA Protect V1 EN-EL15c battery, please contact PATONA customer support. Contact details can typically be found on the product packaging or the official PATONA website.

For more information, visit: [www.patona.de](http://www.patona.de)