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PATONA NP-W235

PATONA Protect V1 NP-W235 Battery User Manual

For Fujifilm GFX-50s II, GFX-100S, GFX-100 II, X-H2, X-H2S, X-S20, X-T4, X-T5 Cameras

1. Introduction

This manual provides essential information for the safe and effective use of your PATONA Protect V1 NP-W235 rechargeable battery. The PATONA Protect V1 battery is designed as a high-quality replacement for the Fujifilm NP-W235, featuring robust cells for enhanced durability and performance.

Equipped with an NTC temperature sensor and a V1 housing, this battery offers heat resistance up to 90 degrees Celsius without deformation, ensuring advanced protection and safety. It complies with future EU aviation regulations for battery transport.

The battery provides 2400 mAh / 17.3 Wh / 7.2 V, utilizing certified Li-ion cells. It incorporates multiple safety features, including protection against overcharge, overvoltage, and short circuits, along with transport protection for contacts.

This battery is fully compatible with Fujifilm GFX-50s II, GFX-100S, GFX-100 II, X-H2, X-H2S, X-S20, X-T4, and X-T5 cameras.



Image 1.1: PATONA Protect V1 NP-W235 battery and its retail packaging.

2. Setup

2.1 Initial Charging

Before first use, fully charge the battery. The PATONA Protect V1 NP-W235 battery can be charged using a compatible PATONA charger or the original Fujifilm charger designed for NP-W235 batteries.

1. Insert the battery into the charger, ensuring correct orientation.
2. Connect the charger to a power source.
3. Monitor the charging indicator on the charger. Charging is complete when the indicator shows a full charge.

2.2 Installing the Battery in Your Camera

Ensure your camera is turned off before installing or removing the battery.

1. Open the battery compartment cover on your Fujifilm camera.
2. Insert the PATONA Protect V1 NP-W235 battery into the compartment, aligning it with the contacts. Push gently until it clicks into place.
3. Close the battery compartment cover securely.



Image 2.1: The PATONA Protect V1 NP-W235 battery is fully compatible and can be charged with the original Fujifilm charger.

3. Operating Instructions

3.1 Powering Your Camera

Once the battery is correctly installed, turn on your camera. The camera should recognize the battery and display its charge level.

3.2 Info-Chip Functionality

The PATONA Protect V1 battery is equipped with an info-chip, allowing your camera to accurately display the remaining runtime and charge status directly on the camera's screen. This feature ensures you are always aware of your battery's power level during use.



Image 3.1: The integrated info-chip allows for direct display of remaining battery runtime on compatible cameras.

4. Maintenance

4.1 General Care and Storage

- Store batteries in a cool, dry place away from direct sunlight and extreme temperatures.
- For long-term storage, it is recommended to store Li-ion batteries with a charge level between 40% and 60%.
- Keep battery contacts clean. Use a dry, soft cloth to wipe them if necessary.
- Avoid dropping the battery or subjecting it to strong impacts.

4.2 Temperature Resistance

The PATONA Protect V1 battery is designed to withstand a wide range of temperatures, from -20°C to +100°C. This robust design helps prevent damage to the housing or internal battery cells under varying environmental conditions.

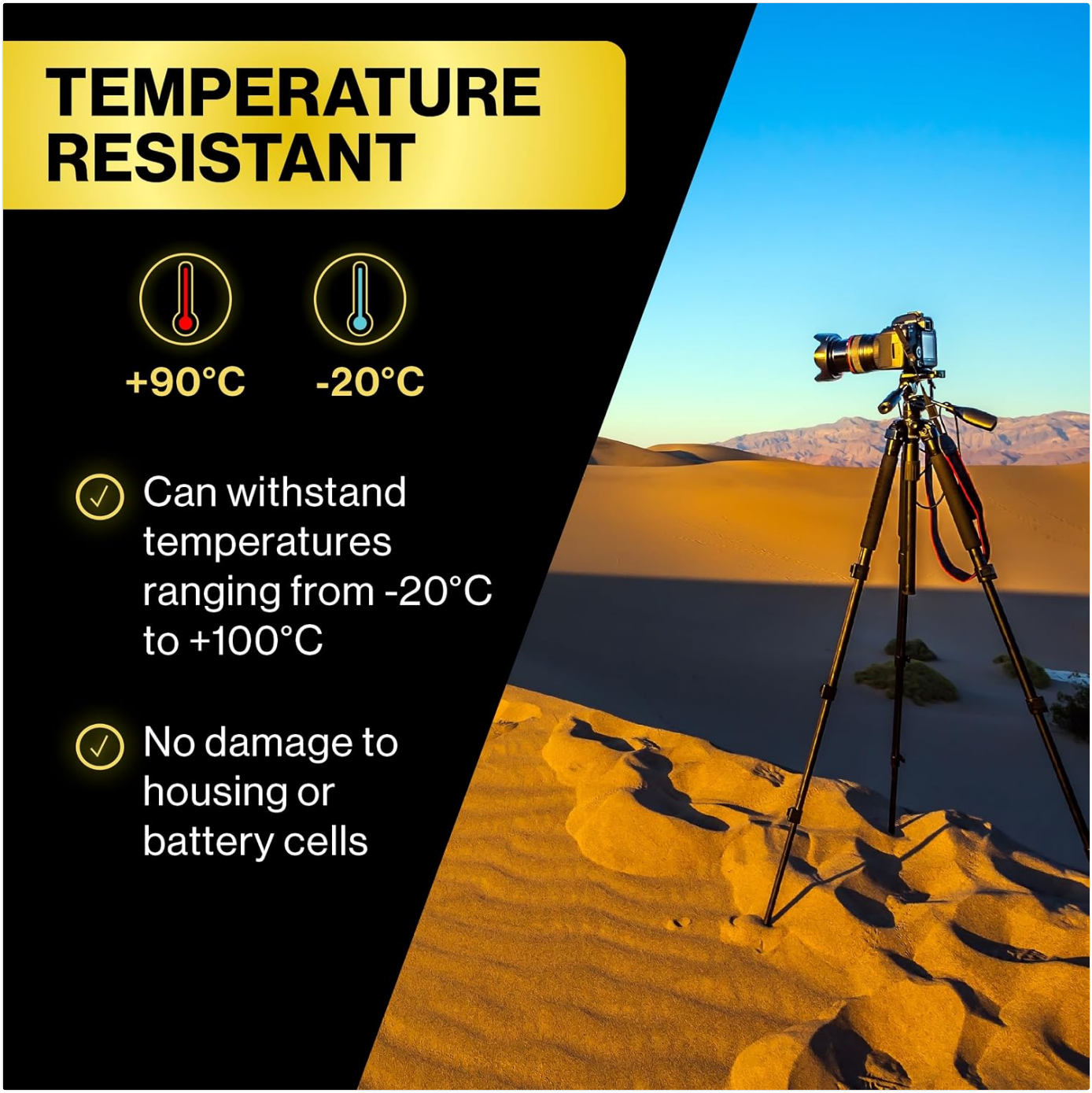


Image 4.1: The PATONA Protect V1 battery is engineered for high temperature resistance, ensuring reliability in diverse climates.

5. Troubleshooting

5.1 Battery Not Charging

- **Check Charger Connection:** Ensure the charger is properly plugged into a working power outlet and the battery is correctly seated in the charger.
- **Inspect Battery Contacts:** Clean the battery contacts and charger contacts with a dry, soft cloth to remove any dust or debris.
- **Try Another Charger/Battery:** If possible, test the battery with another compatible charger or try charging a different battery in your current charger to isolate the issue.

5.2 Camera Not Recognizing Battery or Low Runtime

- **Reinstall Battery:** Remove the battery from the camera and reinsert it, ensuring it is securely locked in place.

- **Restart Camera:** Turn the camera off, remove the battery for a few seconds, then reinsert and turn the camera back on.
- **Fully Charge Battery:** Ensure the battery is fully charged before use.
- **Check for Firmware Updates:** Ensure your camera's firmware is up to date, as manufacturers sometimes release updates for battery compatibility.

5.3 Battery Swelling or Overheating

If you notice any swelling, leakage, or excessive heat from the battery, immediately discontinue use and dispose of the battery safely according to local regulations. Do not attempt to charge or use a damaged battery.

6. Specifications

Feature	Specification
Brand	PATONA
Model Name	NP-W235
Battery Type	Lithium-ion
Capacity	2400 mAh / 17.3 Wh
Voltage	7.2 V
Compatible Devices	Fujifilm GFX-50s II, GFX-100S, GFX-100 II, X-H2, X-H2S, X-S20, X-T4, X-T5
Dimensions (L x W x H)	5.2 x 3.8 x 2.3 cm
Weight	79 Grams
Special Features	NTC temperature sensor, V1 housing (heat-resistant up to 90°C), Overcharge, overvoltage, short-circuit protection, Info-chip
Rechargeable	Yes
Manufacturer Model Number	13395



Image 6.1: Key specifications of the PATONA Protect V1 NP-W235 battery.

7. Warranty and Support

7.1 Warranty Information

PATONA products are manufactured to high-quality standards. For specific warranty terms and conditions, please refer to the documentation included with your purchase or visit the official PATONA website.

7.2 Customer Support

For technical assistance, product inquiries, or support, please contact PATONA directly using the information below:

- **Manufacturer:** PATONA International S.L.U.
- **Address:** Untere Giesswiesen 17, 78247 Hilzingen, Germany
- **Website:** www.patona.de
- **Email:** info@patona.de



Image 7.1: Regulatory markings and manufacturer contact details for PATONA.

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