

SMALLRIG 3822-SR-FBA

SmallRig NP-W235 Dual Camera Battery Charger Set User Manual

Model: 3822-SR-FBA | Brand: SMALLRIG

1. INTRODUCTION

This manual provides instructions for the safe and efficient use of your SmallRig NP-W235 Dual Camera Battery Charger Set. This set includes two 2040mAh rechargeable batteries and a dual-slot charger designed for various Fujifilm camera models.

What's in the Box

- 2 x NP-W235 Camera Battery
- 2 x Battery Protective Cover
- 1 x Dual Battery Charger (Built-in USB-A Cable)
- 1 x User Manual (this document)

2. SAFETY INFORMATION

The SmallRig NP-W235 Dual Camera Battery Charger is designed with multiple protection features to ensure safe operation. These include:

- Over-charging Protection
- Over-current Protection
- Over-discharge Protection
- Over-voltage Protection
- Short-circuit Protection
- Recovery Protection

Always use the charger in a dry environment and avoid exposure to moisture or extreme temperatures. Do not attempt to disassemble or modify the charger or batteries.

6-Points Protection



Figure 2.1: The charger features 6-points protection for safe and secure operation, including safeguards against over-charge, over-current, short-circuit, over-discharge, recovery, and over-voltage.

3. SETUP AND CHARGING

3.1 Connecting the Charger

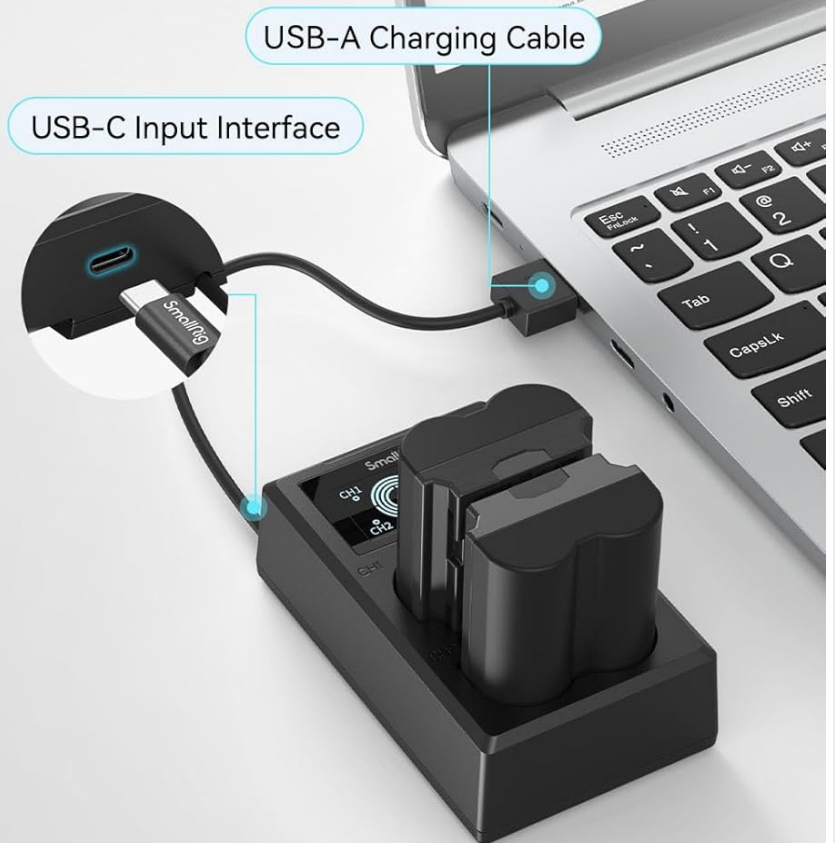
The SmallRig dual charger offers flexible charging options:

- **Built-in USB-A Cable:** Unfold the integrated USB-A cable from the back of the charger and connect it to a USB power source (e.g., USB adapter, power bank, car charger).
- **USB-C Input:** Use a USB-C cable (not included) to connect the charger's USB-C input port to a compatible USB-C power source.

Note: Do not use both the USB-A and USB-C input interfaces simultaneously.

Multiple Charging Ways

Flexible to choose the charging way you want with USB-A built-in charging cable and USB-C input interface



Please note:

Do not use the two input interfaces at the same time

Figure 3.1: The charger supports multiple charging methods, including its built-in USB-A cable and a USB-C input port, allowing connection to various power sources like car chargers, power banks, or USB adapters.

Dual-Battery Quick Charger

Support to charge one or two batteries with high current output



Charger Port

Charger Input

USB-C

5V \equiv 2.1A (Min)

USB-A

5V \equiv 2.1A (Min)

* For the best charging experience, power adapter with higher than 5V \equiv 2.1A output is recommended.

Figure 3.2: The charger's input specifications for USB-C and USB-A are both 5V/2.1A (minimum). For optimal charging, a power adapter with higher than 5V/2.1A output is recommended.

3.2 Inserting Batteries

Once the charger is connected to a power source, insert up to two NP-W235 batteries into the designated slots (CH1 and CH2). Ensure the batteries are inserted correctly according to their orientation. The charger is compatible with both SmalRig NP-W235 batteries and original Fujifilm NP-W235 batteries.



Figure 3.3: The SmallRig dual battery charger, shown with two NP-W235 batteries and their protective covers. The charger features an LCD screen displaying charging status for both channels.

4. OPERATING INSTRUCTIONS

4.1 Intelligent LCD Screen

The charger features an intelligent LCD screen that provides real-time information about the charging process for each battery. When batteries are inserted and the charger is powered, the screen will display:

- Charging Current (mA)
- Charging Voltage (V)
- Charging Progress (indicated by a circular icon and percentage)
- Charged Capacity (mAh)

Intelligent LCD Screen

Check charging voltage, charging progress, charged capacity in real-time.



Figure 4.1: The intelligent LCD screen provides detailed charging information for each battery slot, including current, voltage, progress, and charged capacity.

4.2 Battery Compatibility

The included NP-W235 batteries and the charger are fully decoded and compatible with the following Fujifilm camera models:

- Fujifilm X-T5
- Fujifilm X-T4
- Fujifilm VG-XT4
- Fujifilm X-S20
- Fujifilm GFX50S II
- Fujifilm GFX100S
- Fujifilm X-H2
- Fujifilm X-H2S



Batteries Compatible Model

For FUJIFILM X-T5, X-T4, VG-XT4, X-S20, GFX50S II, GFX100S, X-H2, X-H2S



Figure 4.2: The NP-W235 batteries are compatible with a range of Fujifilm cameras, including the X-T5, X-T4, X-S20, GFX50S II, GFX100S, X-H2, and X-H2S.



Video 4.1: An official SmallRig video demonstrating the features and usage of the Camera Battery and Charger Set, including its portability and charging capabilities.

5. MAINTENANCE

- Keep the charger and batteries clean and dry. Use a soft, dry cloth to wipe surfaces.
- Store batteries in their protective covers when not in use to prevent short circuits and damage.
- Avoid storing the charger and batteries in extreme temperatures or direct sunlight.
- Do not expose the charger or batteries to water or other liquids.

6. TROUBLESHOOTING

- **Charger not powering on:** Ensure the USB-A cable or USB-C cable is securely connected to both the charger and a functional power source. Try a different power source or cable.
- **Battery not charging:** Verify that the battery is correctly inserted into the charger slot. Check the LCD screen for any error indicators. Ensure the battery contacts are clean.
- **Slow charging:** Ensure your power adapter provides at least 5V/2.1A output. Using a higher output adapter (within safe limits) may improve charging speed.

If issues persist, please contact SmallRig customer support for assistance.

7. SPECIFICATIONS

Feature	Detail
Brand	SMALLRIG
Model Number	3822-SR-FBA
Battery Type	Lithium Ion (NP-W235 equivalent)
Battery Capacity	2040mAh (each)
Charger Input	USB-A (built-in), USB-C: 5V/2.1A (Min)
Output Voltage	5 Volts
Product Dimensions	1.97 x 1.57 x 1.57 inches (charger)
Item Weight	7.8 ounces (total package)
Color	Black, Yellow (protective covers)

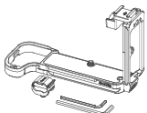

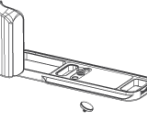


8. WARRANTY AND SUPPORT

SmallRig products are designed for reliability and performance. For warranty information, please refer to the official SmallRig website or contact their customer service directly. If you encounter any issues or have questions regarding your product, please reach out to SmallRig support for assistance.

You can visit the official SmallRig store for more information and support: [SmallRig Official Store](#)



Related Documents - 3822-SR-FBA

<div><div>SmallRig</div><div></div><div>L-Shape Mount Plate for FUJIFILM GFX100S II 富士 GFX100S II L型安装板 Operating Instructions / 操作指南</div></div>	<p>SmallRig L-Shape Mount Plate for FUJIFILM GFX100S II - Operating Instructions</p> <p>Official operating instructions and specifications for the SmallRig L-Shape Mount Plate designed for FUJIFILM GFX100S II, GFX100S, and GFX50S II cameras. Includes installation guide and product details.</p>
<div><div>SmallRig</div><div></div><div>Camera Leather Case Kit (for FUJIFILM X-E5) 相机皮套套件 (适用于富士X-E5) Operating Instructions / 操作指南</div></div>	<p>SmallRig Camera Leather Case Kit for FUJIFILM X-E5 - Operating Instructions</p> <p>Operating instructions for the SmallRig Camera Leather Case Kit designed for the FUJIFILM X-E5 camera. Includes installation guides for the half leather case and shoulder strap, product specifications, and manufacturer information.</p>
<div><div>SmallRig</div><div></div><div>L-shaped Mount Plate with Silicone Handle (for FUJIFILM X-E5) 硅胶L型手柄 (适用于富士X-E5) Operating Instructions / 操作指南</div></div>	<p>SmallRig L-Shaped Mount Plate with Silicone Handle for FUJIFILM X-E5 - Operating Instructions</p> <p>Operating instructions for the SmallRig L-Shaped Mount Plate with Silicone Handle designed for the FUJIFILM X-E5 camera. Includes product details, installation steps for the grip and shutter button cap, and specifications.</p>
<div><div>SmallRig</div><div></div><div>"Retro" Cage for FUJIFILM X-M5 富士 X-M5"复古"相机笼套件 (4892) Operating Instructions / 操作指南</div></div>	<p>SmallRig Retro Cage for FUJIFILM X-M5 (4892) - Operating Instructions</p> <p>Official operating instructions for the SmallRig Retro Cage designed for the FUJIFILM X-M5 camera. Includes specifications, product details, and installation guides for accessories like the hot shoe cover and windshield.</p>
<div><div>SmallRig</div><div></div><div>L-Shape Mount Plate with Silicone Handle for FUJIFILM X-M5 富士 X-M5 硅胶L型手柄 (4875/4876) Operating Instructions / 操作指南</div></div>	<p>SmallRig L-Shape Mount Plate with Silicone Handle for FUJIFILM X-M5 - Operating Instructions</p> <p>Detailed operating instructions and product specifications for the SmallRig L-Shape Mount Plate with Silicone Handle, designed for the FUJIFILM X-M5 camera. Includes installation guides, package contents, and manufacturer information.</p>
<div><div></div></div>	<p>SmallRig NP-F970 Battery and Charger Kit User Manual</p> <p>User manual for the SmallRig NP-F970 Battery and Charger Kit, providing detailed information on specifications, warnings, intended use, charging instructions, and warranty service.</p>