

**SmallRig**

**NP-F970 USB-C**  
Rechargeable Camera Battery

User Manual

Thank you for purchasing SmallRig products.

## Warnings

- Please read this User Manual Carefully before using the product.
- Keep the User Manual properly. If other users want to use this product, give this User Manual with the product.
- Note all the warnings and follow all the instructions provided in this user manual.
- Do not disassemble the product. If the battery is swollen, deformed or gets wet, immediately stop all use.
- Avoid dropping the product. Do not use it in excessive temperature or short circuit situation.
- Keep out of reach of children.
- When the battery is not in use for a long time, please charge and discharge the battery every 3 months, and provide it with about 60% of the electric quantity to prolong its use life.
- Before leaving the factory, the State Of Charge (SOC) of battery  $\leq 30\%$  of its rated design capacity.
- When storing and using the product, please be sure to avoid exposure to moisture or humidity, otherwise it may cause a short circuit or other damage.



**Please do not disassemble the product or change its battery. If you have any question, please contact the seller to apply after-sales service.**

## In the Box

NP-F970 USB-C Rechargeable Camera Battery	× 1
Battery Protective Cover	× 1
USB-C To USB-C Cable	× 1
User Manual	× 1

## Specifications

Items	Parameters
Battery Type	Lithium-ion Battery
Battery Parameters	10500mAh 7.27V 76.3Wh
Charging Voltage	8.4V
Nominal Voltage	7.27V
Cell Nominal Capacity	10500mAh
Battery Nominal Capacity	9970mAh
Charging Current	Standard Charging: 0.2C (2100mA) Fast Charging: 0.5C (5250mA)
Maximum Charging Current	0.5C
USB-C Input / Output	5V / 3A, 9V / 2.22A, 12V / 1.67A
USB-C Input / Output Protocol	PD3.0 / QC2.0 / QC3.0 / FCP / AFC / SCP / SSCP / PPS
USB-A Output	4.7 ~ 5.25V / 2.1A
USB-C / USB-A Overcurrent Protection	3.4 ~ 4A
Main Port Maximum Discharge Current	10A

Main Port Over-discharge Current Protection Point	12 ~ 18A
Discharge Cut-off Voltage	5.0V
Operating Temperature	0°C ~ 45°C
Battery Weight	335 ± 10g
Battery Case Material	PC + ABS
Indicator Light Button	Short press the button to activate the power query, the LED constant light for 30s and the USB port output; Double press the button to turn off the power level and output functions.
Working Indicator Light	Power Indicator: four LEDs, 1 light on 1 ~ 25%, 2 lights on 25% ~ 50%, 3 lights on 50% ~ 75%, 4 lights on 75% ~ 100%, low power LED flashes; The corresponding light flashes when charging, and the corresponding light is on when discharging.

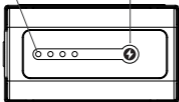
\* The data are measured by SmallRig Lab but may vary based on specific circumstances.

## Product Details

Indicator Light

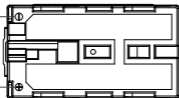
Indicator  
Light Button

USB-C Input /  
Output Port



P-

P+



USB-A  
Output Port



## Battery Instructions

1. Please fully charge the battery pack when using for the first three times.
2. For more information, please refer to the battery part in your camera manual.