

100W NP-F 4-Bay Fast Charger

User Manual



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01/In the box

- 100W NP-F 4-Bay Battery Fast Charger *1
- PD 100W charging cable *1
- User manual *1

02/Introduction

Thank you for choosing the TOPRIG 100W NP-F 4-Bay Battery Fast Charger.

Designed specifically for NP-F style batteries, this charger offers safety, high performance, and compatibility with professional video and photo cameras.

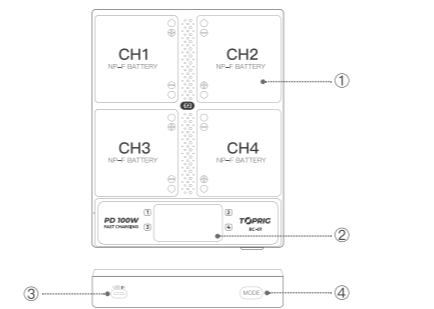
The charger features a unique smart charging mode that can automatically detect different battery types, then adjust its output currents, and charge each battery individually, ensuring a solid and reliable power supply.

03/Product features

- 4 individual charging bays
- Automatic battery identification
- Battery under-voltage activation
- Intuitive LCD display
- Battery level indication
- High performing heat dissipation
- Lightweight and easy to carry

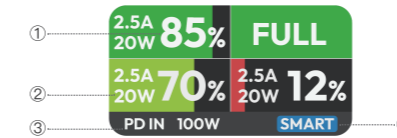
04/Instruction

■ Product intro



- ① Charging bay
- ② LCD display
- ③ USB-C power input port
- ④ Charging mode switch button

■ LCD display



- ① Battery level
- ② Charging power and current (Single bay)
- ③ Maximum input power
- ④ Charging mode

■ Background color

- Battery below 20% (include 20%): Red color
- Battery between 20% and 80% (include 80%): Lime green color
- Battery between 80% and 99% (include 99%): Green color
- Battery fully charged will show 'FULL' icon with green color

05/Functions

■ Charging

The TOPRIG 100W NP-F 4-Bay Battery Fast Charger features two charging modes: smart charging and safe charging.

■ Smart charging mode

Automatic electric current adjustment
When the charger is simultaneously charging all four bays with maximum power input:
The maximum charging power for NP-F750/770 and NP-F970/960 batteries is 23W (8.4V=2.7A), while for NP-F550 batteries is 20W (8.4V=2.4A).
The minimum charging power under this mode is 6W (8.4V=0.75A).

■ Safe charging mode

Battery life protection for maximized performance
The maximum charging power under this mode is 5W (8.4V=0.6A).

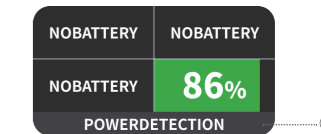
Notification

1. It's recommended to use a 100W power input for optimal charging of multiple batteries. Insufficient power input may lead to inadequate charging, resulting in longer charging hours and zero power input on certain battery bays.
2. To protect the battery and the circuit of the charger, the charging

■ Battery level indication

Plug in the battery and the LCD display will indicate the battery level:

- Battery below 20% (include 20%): Red color
- Battery between 20% and 80% (include 80%): Lime green color
- Battery between 80% and 99% (include 99%): Green color
- Battery fully charged will show 'FULL'



① Battery level detection mode

■ Battery activation

If NP-F batteries become inoperative due to extended inactivity or significant discharge, resulting in low voltage, you can use this function to reactivate the batteries.

Press and hold the mode switch button for 3 seconds to initiate battery activation. When the battery is plugged in, the LCD display will show 'LOADING'. The corresponding LCD area will then display 'COMPLETE' upon successful activation or 'FAIL' if the activation does not succeed.

Hold the mode switch button again to exit battery activation.



- ① Activation complete
- ② Activation fail
- ③ Loading
- ④ No battery
- ⑤ Activation mode

06/Specification

1	Charging protocol	PD 3.0 Support: 9V 12V 15V 20V
2	Current output specs	Smart charging mode Max: 4* (8.4V = 2.7A) 90W Min: 1* (8.4V = 0.75A) 6W Safe charging mode Max: 4* (8.4V = 0.6A) 20W
3	Charging port	USB-C
4	Battery compatibility	NP-F550, NP-F750, NP-F970 (and other corresponding NP-F series)
5	Display type	Full color LCD display

07/Maintenance and troubleshooting

1. Regular cleaning: Use a dry and soft cloth to wipe off the dust of the charger. Do not use chemicals or water.
2. Battery maintenance: To maintain your battery's health, it is recommended to charge and use the battery regularly. Ideally, it's recommended to avoid letting your battery drain too much (and keep it above 20-30%) but also avoid that it reaches 100% charge.
3. Troubleshooting: Please check if the battery is correctly installed, see if the battery is broken or if the charger correctly connected to the charging adapter. If the problem persists, please contact us for after sales support.

08/Warranty

■ Warranty period

1. If there is a quality problem that occurs within 15 days after receiving the product, TopRig will provide complimentary maintenance or replacement.
2. Under proper use and maintenance, from the date of receipt, TopRig will provide a one-year warranty on the charger and a three-month warranty on the cable. Free maintenance service is available during the warranty period.
3. Please keep the proof of purchase and the user manual in a safe place.

■ Warranty exclusions

1. Out of warranty (If the proof of purchase is not available, the warranty will be calculated from the date the product is delivered from the factory).
2. Damage caused by use or maintenance, which is not following the requirements of the product manual.
3. Unauthorized repair, modification or disassembly.
4. Damage caused by force majeure such as fire, flood, lightning strike, etc..

09/Warranty process

1. Contact your local TopRig authorized dealers for after-sales services. If there is no local authorized dealers, you can contact our customer service via our email (support@accsoon.com) or website (www.accsoon.cn) and get appropriate support.
2. You will get detailed solutions from the authorized dealers or TopRig.
3. TopRig reserves the right to review the damaged product.

10/Safety information

1. When operating this equipment, read and follow all the instructions in this manual.
2. Only use NP-F battery to avoid battery and charger damage.
3. Do not expose to moisture, excessive heat or fire. Keep away from water and other liquids.
4. The charger should connect to the appropriate ground power outlet. Do not touch the charger with wet hand or metal.
5. Keep away from children.

11/Contact us

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