

ZGCINE NPF-01

User Manual

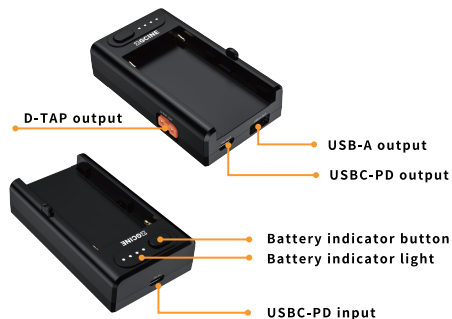


Description

NP-F multi-function charger is equipped with a variety of output interfaces, widely compatible with NPF series batteries.

Its fire retardant shell body and built-in safety integrated circuit is perfect to ensure the battery life and use safety, it can provide extra power for your digital camcorders, camcorders, LED video lights, displays, etc., help you capture wonderful moments when you are out or traveling.

Introduction



Product Technical Parameter

Model	NPF-01	Type	NP-F multi-function charger
Input power	Power≤22W (PD:12V) Support:PD/QC/AFC agreement The indicator flashes during charging and keeps on after fully charged.	Battery Capacity	7.4 V Suitable for F970, F750, F550 battery pack
		USB-A Output	5V⎓2A
TYPE-C Output	5V⎓2A 9V⎓2A 12V⎓2A	D-TAP Output	5A MAX
Dimension	92mm*52mm*25mm	Weight	70g
Operate Temperature	-20°C~+55°C	Fully Recharge Time	Base on the charging products
Applicable equipment	NP-F series battery		

Feature

- 1:Compact design makes it easy to carry around;
- 2:Various interfaces are fully compatible with different devices, which can supply power to mobile phones, PAD, notebooks, photographic equipment and NP-F battery pack , no need to carry professional chargers;
- 3:You can observe the battery capacity through the indicator light, easy to grasp the charging state;
- 4:Output stability: pure copper metal contact, make the output conductive better, more stable;

- 5:Support multiple devices to use at the same time, support while charging and discharging function;
- 6:Fire retardant PC materials adapt to the complex outdoor charging environment.

Function

Built-in safety integrated circuit, with strong multiple protection function, compatible with the original and brand batteries.



Temperature protection

thermistor and temperature control processing mechanism are added to ensure the lithium battery works in a safe temperature range.



Short circuit protection

add fuse device, trigger automatic protection in case of abnormal short circuit, to avoid the damage of motherboard and battery.



Overvoltage protection

the OVP circuit design makes sure to prevent the over high input voltage, to avoid damage to the back end circuit.



Output overcurrent protection

intelligent detection of output current, when the output current exceeds the limit, the output circuit would be shut down automatically to protect the charging device.



Output anti-reverse protection

if the installation is wrong, it will automatically interrupt the work to protect the charging equipment.



Output overvoltage protection

intelligent real-time detection of output voltage, when the output voltage exceeds the upper limit, it will automatically close the output circuit to protect the charging device.



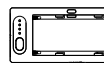
Battery overcharge protection

add lithium battery protection device, effectively avoid the battery overcharge and over-discharge, prevent damage to the battery.

Storage and Transportation

- 1、If the charger is not used for a long time, please pack it well in a dry and ventilated place and check per six months.
- 2、Charger should be stored in a clean, dry and ventilated environment, avoid contact with corrosive substances, also be away from fire and heat sources.
- 3、Store temperature: -5°C~+35°C Relative humidity≤75%RH
- 4、The charger should be packed into cartons for transportation. During transportation, it should prevent violent vibration, impact or extrusion, and prevent sun and rain. It can be transported by vehicles, trains, ships, planes and other means of transportation.

Packing list



charger x1



user manual x1



USB-C Cable x1



USB-A Cable x1

Maintenance and after-sales service

- 1、One year warranty
The damage due to failure to operate in accordance with the instructions and precautions will not be covered by the warranty.
- 2、Warranty period
Warranty period: the warranty period of the product is calculated from the date you purchase the product. The warranty card is the valid warranty certificate.

3、Warranty Limitation

For the following cases of product failure, the company will not provide the warranty service as promised:

- Products and components do not belong to our company.
- Out of warranty.
- Fault caused by the transfer wiring or mobile power which are not provided by our company.
- Force majeure factors, such as earthquake, fire and other natural disasters or accidents.
- Aging or damage of components.
- Product failure caused by self-disassembly, repair or drop.
- Damage caused by incorrect voltage selection.
- Damage due to improper using.

Maintenance record card

Date	Repaired parts	Remark

- This warranty card will not be reissued after loss, please keep it properly.
- This product has passed strict inspection, In case of any problem, please contact the company's after-sales service department or the dealer. Prohibit self-disassembly.

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