

**NITECORE®**



NFZ100

**SMART CAMERA BATTERY FOR SONY**



Compatible with Sony α7 III, α7R III, α9 (LCE-9)



# The First Smart Camera Battery Managed with a Mobile App

NENERGY - A Mobile App Developed by NITECORE



Scan to Download

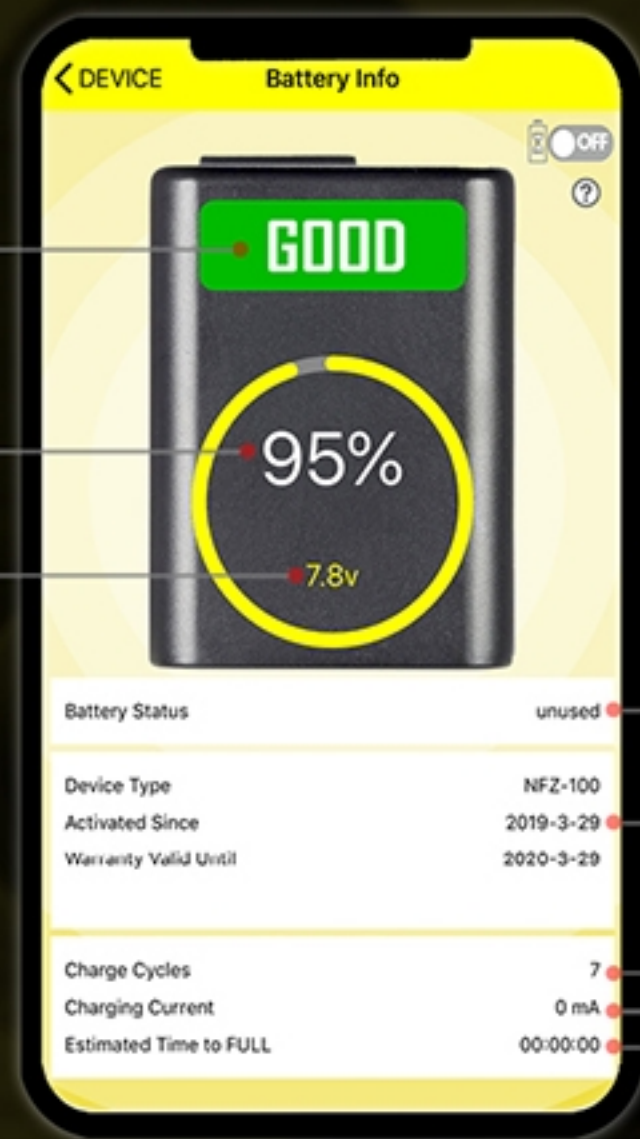
## Real-time Battery Status Monitoring

In NENERGY, you can check the real-time information of the current working status of your smart battery after the NFZ100 is activated.

Battery Health

Battery Level

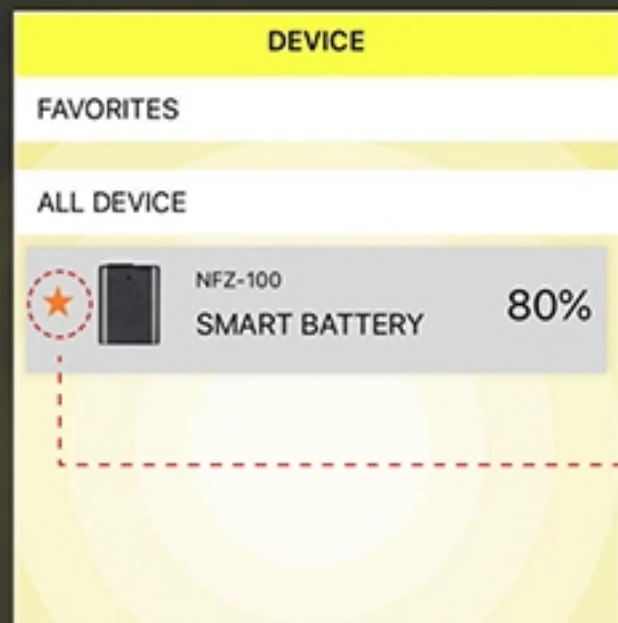
Battery Voltage



Real-time Status

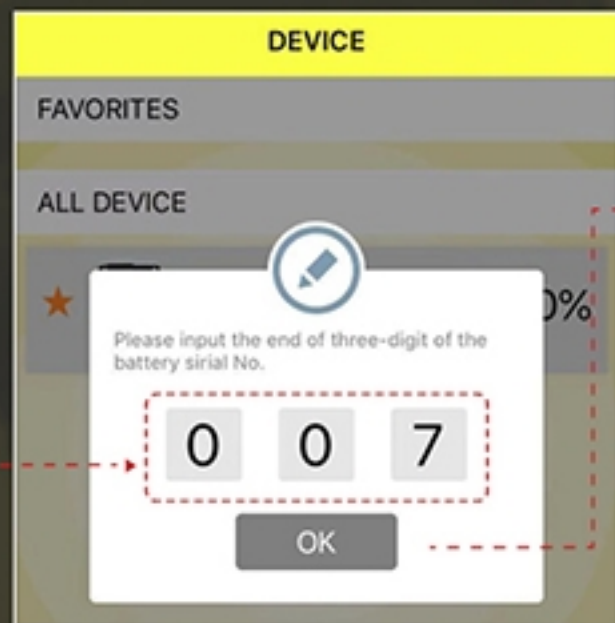
# Battery Marking Function

1



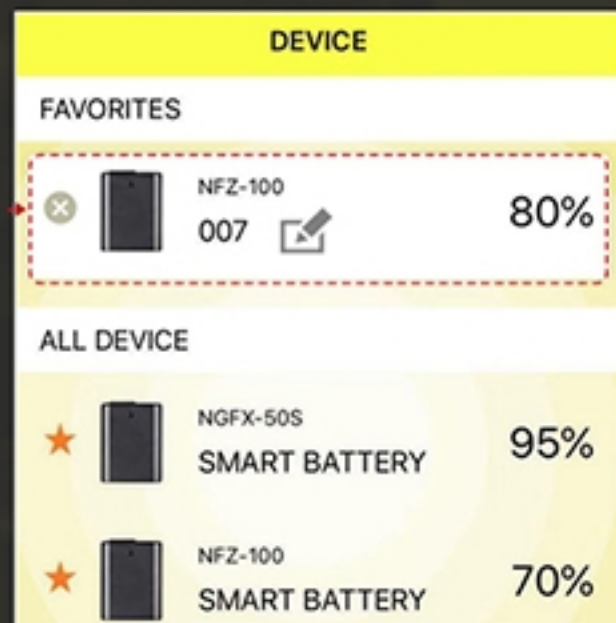
Tap the red star beside the battery icon

2

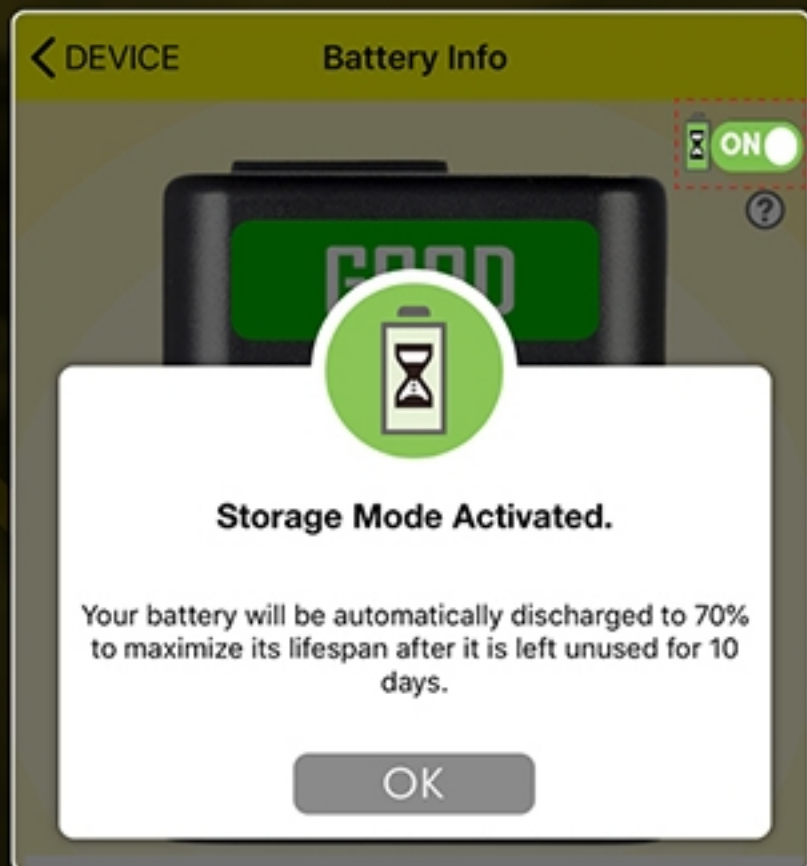


Insert the last 3 digits of the SN code shown on the label of the battery (For example, if the label shows SN:Z0120190007, please insert 007)

3



The battery is successfully marked



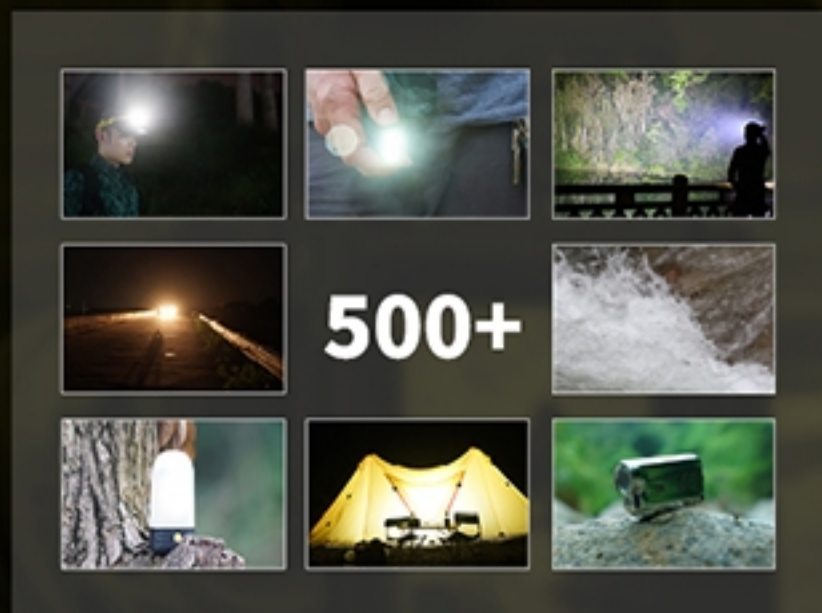
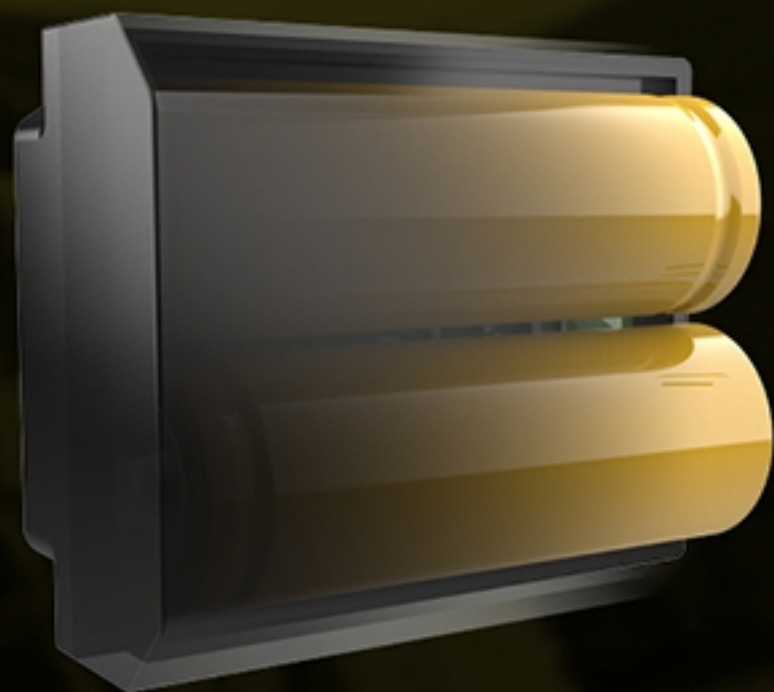
## Storage Mode Available

NENERGY is innovatively designed with the Storage Mode for the NFZ100 to be stored for a prolonged time in an ideal status.

\* Due to the characteristics of Li-ion batteries, 60%-80% is the ideal battery level of storage.

# 2280mAh

## High Capacity



The high capacity of the NFZ100 enables approx. 500 photos taken in each charge cycle.

\* The stated data is tested in the NITECORE Lab.

Test Device: Sony α9 Test Method: Capturing Still Images in Monitor (Manual) Mode

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## OTA Upgradeable System

The firmware of the NFZ100 can be OTA upgraded in NENERGY to gain compatibility with the latest Sony camera models.



\* Over-the-Air programming (OTA) refers to various methods of distributing new software, configuration settings, and even updating encryption keys.

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## Built-in Power Balance Circuit

The power balance circuit is able to balance the working status of each cell to maximize the lifespan of the battery.



## Multiple Battery Safeguards



Overcharge Protection



Over-discharge Protection



Overcurrent Protection



Overvoltage Protection



Short-circuit Protection





## Proper Size of the Battery Shell

The NFZ100 fits the battery slot of Sony cameras perfectly.

## Specifications



Type: Rechargeable Li-ion Battery

Model: NFZ100

Voltage: 7.2V

Capacity: 2,280mAh

Energy: 16.4Wh

Operating Temperature:

Charge: 0°C ~45°C (32 °F ~113 °F)

Discharge: -20°C ~60°C (-4 °F ~140 °F)

Compatible models: Sony α7 III, α7R III, α9 (ILCE-9)

Dimensions: 52mmx38.7mmx22.5mm(2.05"x1.52"x0.89")

Weight: 82.5g (2.91oz)