

Kastar CHL-4B-FS11

Kastar NP-FS11 Battery and LCD AC Charger User Manual

Model: CHL-4B-FS11

1. INTRODUCTION

This user manual provides essential information for the safe and effective use of your Kastar NP-FS11 Lithium-Ion batteries and the accompanying LCD AC charger. Please read this manual thoroughly before use and retain it for future reference.



Figure 1.1: The Kastar NP-FS11 Battery and LCD AC Charger Kit, including four batteries, one LCD AC charger, a wall adapter, and a car charger adapter.

2. SAFETY INFORMATION

Observe the following safety precautions to prevent damage to the product or injury to yourself.

- **Do not disassemble the unit:** Attempting to disassemble the charger or batteries may cause electric shock, fire, or damage to the product.
- **Dry location use only:** The charger is designed for indoor use in dry conditions. Do not expose it to rain, moisture, or extreme humidity.
- **Avoid high temperatures:** Do not expose batteries or charger to high temperatures (above 140°F / 60°C) or direct sunlight.
- **Proper disposal:** Dispose of batteries according to local regulations. Do not incinerate.
- **Keep out of reach of children:** This product is not a toy.



Figure 2.1: Charger label indicating input/output specifications and safety warnings, including 'Do not disassemble unit' and 'Dry location use only'.

3. PACKAGE CONTENTS

Your Kastar NP-FS11 Battery and LCD AC Charger kit includes:

- 4 x Kastar NP-FS11 Lithium-Ion Batteries
- 1 x Kastar LCD AC Charger
- 1 x AC Wall Adapter
- 1 x Car Charger Adapter

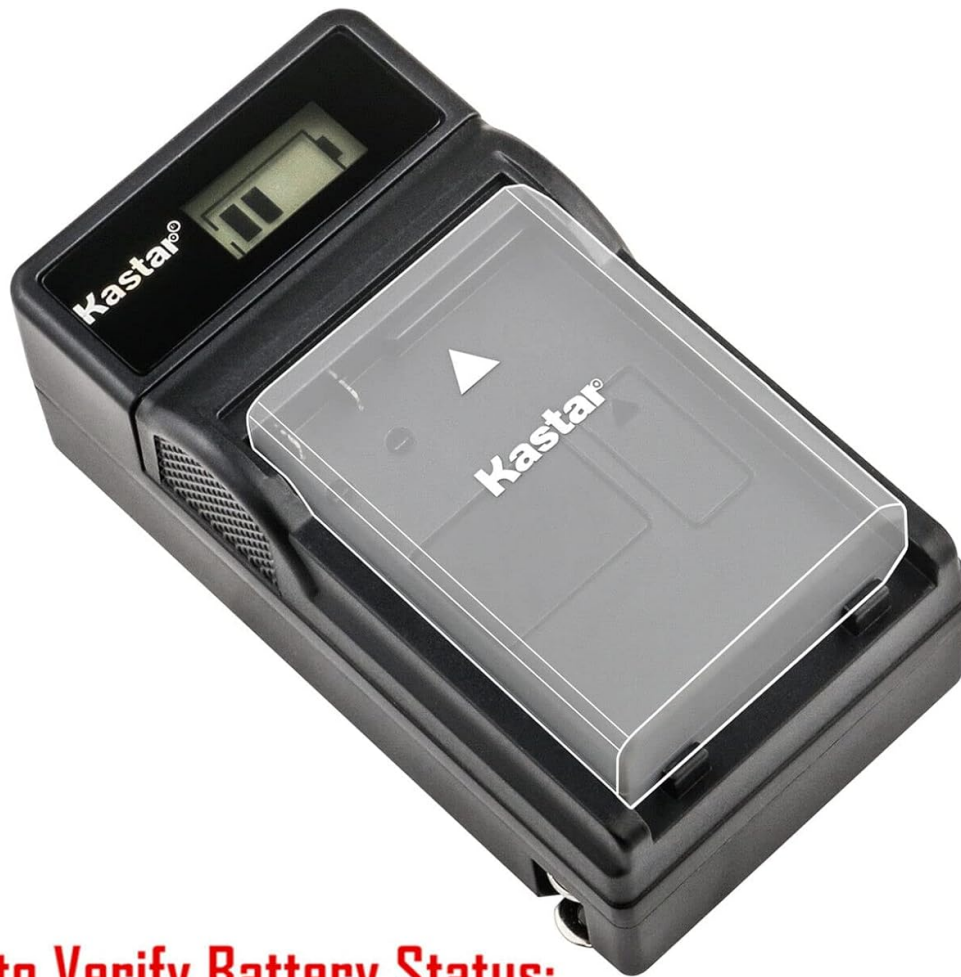
4. SETUP: CHARGING THE BATTERIES

Follow these steps to charge your Kastar NP-FS11 batteries using the provided LCD AC charger.

1. **Connect the Charger:** Plug the AC wall adapter into a standard wall outlet (AC 100-240V, 50-60Hz). Alternatively, use the car charger adapter to connect to your vehicle's 12V power socket.
2. **Insert Battery:** Carefully insert one Kastar NP-FS11 battery into the charging slot of the LCD AC charger. Ensure the battery is oriented correctly.
3. **Monitor Charging Status:** The LCD screen on the charger will display the current charging status and the battery's charge percentage. A full battery icon indicates a complete charge.
4. **Remove Battery:** Once charging is complete, remove the battery from the charger. Disconnect the charger from the power source when not in use.



Figure 4.1: A Kastar NP-FS11 battery correctly inserted into the LCD AC charger for charging.



Easy to Verify Battery Status:

When the charger is not using power (via AC adapter), insert your battery, and the charger will recognize the battery, thus giving you a current percentage of your battery.

Figure 4.2: The LCD screen on the charger indicating the battery's charge level, allowing for easy verification of battery status even when not connected to AC power.

5. OPERATING: USING THE BATTERIES

The Kastar NP-FS11 batteries are compatible with various Sony cameras and camcorders. Refer to your device's manual for specific battery insertion instructions.

5.1 Compatible Battery Models

- Sony NP-FS11, NP-F10, NP-FS10, NP-FS12
- Sony FS21, FS31

5.2 Compatible Charger Models

- Sony AC-VQ11
- Sony AC-VF10

5.3 Compatible Camera Models

- Sony CCD-CR1, CCD-CR5
- Sony DCR-PC1, DCR-PC2, DCR-PC3, DCR-PC4, DCR-PC5

- Sony DCR-TRV1VE
- Sony DSC-F505, DSC-F505V, DSC-F55, DSC-F55V
- Sony DSC-P1, DSC-P20, DSC-P30, DSC-P50

6. MAINTENANCE

Proper maintenance extends the lifespan of your batteries and charger.

- **Cleaning:** Use a soft, dry cloth to clean the charger and battery contacts. Do not use liquid cleaners or solvents.
- **Storage:** Store batteries in a cool, dry place away from direct sunlight and extreme temperatures. For long-term storage, it is recommended to store batteries with a partial charge (around 50%).
- **Avoid short circuits:** Do not allow metal objects to come into contact with the battery terminals.

7. TROUBLESHOOTING

If you encounter issues, refer to the following common problems and solutions.

- **Battery not charging:**
 - Ensure the charger is properly connected to a power source.
 - Verify the battery is correctly inserted into the charger.
 - Check for any visible damage to the charger or battery.
- **LCD display not working:**
 - Ensure the charger is receiving power.
 - Try a different power outlet.
- **Battery not powering device:**
 - Ensure the battery is fully charged.
 - Verify the battery is correctly inserted into your camera or camcorder.
 - Confirm your device is compatible with NP-FS11 type batteries.

8. SPECIFICATIONS

Component	Specification
Battery Type	Lithium-Ion
Battery Voltage	3.7V
Battery Capacity	1900mAh
Charger Input	AC 100~240V, 50~60Hz
Charger Output	DC 4.2V, 800mA
Model Number	CHL-4B-FS11
UPC	638457563726

Component	Specification
Product Dimensions	3 x 3 x 4 inches (approximate)
Item Weight	7 ounces (approximate)

9. WARRANTY AND SUPPORT

Kastar products are designed for reliability and performance. The battery packaging indicates an 18-month warranty. For warranty claims or technical support, please contact Kastar customer service through their official channels or the retailer where the product was purchased.





Figure 9.1: Battery packaging highlighting key features including '18 months warranty'.