

ProMaster 4546

ProMaster Dually Charger (Model 4546) Instruction Manual

For Nikon EN-EL15, EN-EL15a, EN-EL15b, EN-EL15c Batteries

1. INTRODUCTION

The ProMaster Dually Charger (Model 4546) is designed to efficiently charge two Nikon EN-EL15, EN-EL15a, EN-EL15b, or EN-EL15c camera batteries simultaneously. This compact and lightweight charger features a built-in USB-A input cable for convenient power access and an LCD display to monitor charging status. Advanced intelligent circuitry ensures optimal and safe charging for battery longevity.

2. SAFETY INFORMATION

- Do not open or disassemble the charger.
- Do not use the charger near liquids or flammable gases.
- Ensure the charger is used in a well-ventilated area.
- Keep out of reach of children.
- Disconnect from power when not in use.

3. PACKAGE CONTENTS

- 1 x ProMaster Dually Charger (Model 4546)

4. SETUP

1. **Unfold the USB-A Cable:** Locate the integrated USB-A input cable neatly stored in the base of the charger. Gently pull it out and unfold it.
2. **Connect to Power:** Plug the USB-A cable into a compatible USB power source. This can be a USB power adapter (minimum 5V 2.2A recommended), a power bank, a laptop USB port, or any other standard USB port.
3. The charger's LCD display will illuminate, indicating it is ready for use.



Figure 1: Rear view of the charger with the integrated USB-A cable.

5. OPERATING INSTRUCTIONS

1. **Insert Batteries:** Carefully insert one or two compatible Nikon EN-EL15 series batteries into the charging slots. Ensure the battery contacts align correctly with the charger's pins.
2. **Monitor Charging Status:** The LCD display will show the charging status for each battery (CH1 and CH2).
3. **Charging Indicators:** The display uses blinking segments to indicate charging progress:
 - 1 blink = 25% charged
 - 2 blinks = 50% charged
 - 3 blinks = 75% charged
 - Solid light = 100% charged (fully charged)
4. **Charging Time:** Charging two depleted batteries to 100% typically takes approximately 2 hours and 30 minutes.
5. **Remove Batteries:** Once the batteries show a solid light (100% charged), carefully remove them from the charging slots.



Figure 2: Front view of the charger with battery slots and LCD display.

6. MAINTENANCE

- Clean the charger with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- Ensure the battery contacts on both the charger and batteries are clean and free of debris for optimal connection.
- Store the charger in a cool, dry place when not in use.
- Avoid dropping or subjecting the charger to strong impacts.

7. TROUBLESHOOTING

Charger Not Powering On / No Display

- Ensure the USB-A cable is fully inserted into a functional USB power source.
- Verify the power source is providing sufficient power (minimum DC 5V 2.2A). Try a different USB port or power adapter.

Batteries Not Charging

- Confirm batteries are correctly inserted into the slots with contacts aligned.
- Check if the batteries are compatible with the charger (Nikon EN-EL15, EN-EL15a, EN-EL15b, EN-EL15c).
- Ensure battery contacts on both the charger and batteries are clean.
- If only one battery slot is not charging, try the battery in the other slot to isolate the issue.
- The charger features overcharge and short-circuit protection. If an error occurs, remove the battery, disconnect the charger, and reconnect after a few moments.

Slow Charging

- Ensure your USB power source provides at least DC 5V 2.2A. Lower amperage sources may result in slower charging times.

8. SPECIFICATIONS

Model Number	4546
Brand	ProMaster
Input	DC 5V 2.2A (Minimum) via USB-A port
Output	DC 8.4V, 600mA
Battery Compatibility	Nikon EN-EL15, EN-EL15a, EN-EL15b, EN-EL15c
Approximate Charge Time	2 hours 30 minutes (for two depleted batteries)
Dimensions (L x W x H)	80 mm x 58 mm x 25 mm (3 3/16" x 2 1/4" x 1")
Weight	68 g (2 3/8 oz)
Certifications	CE, FCC

9. CAMERA COMPATIBILITY

This charger is compatible with batteries used in the following Nikon camera models:

- Nikon D500
- Nikon D600, D610
- Nikon D750, D780
- Nikon D7100, D7200, D7500
- Nikon D800, D800E
- Nikon D810, D810A
- Nikon D850
- Nikon Z5

- Nikon Z6, Z6 II
- Nikon Z7, Z7 II

Note: This charger is **not** compatible with batteries for the Nikon Z8 and Nikon Zf camera models.