

Green Extreme GX-CH1

Green Extreme Compact Smart Charger Base with LCD Screen User Manual

Model: GX-CH1

INTRODUCTION

The Green Extreme Compact Smart Charger Base with LCD Screen is a versatile and portable charging solution designed for various camera batteries. It features an intuitive LCD screen for real-time charging status, universal power input (AC 110-240V, DC 12-24V), and universal power output with automatic voltage detection. This manual provides essential information for the proper setup, operation, and maintenance of your charger.



Image: Front view of the Green Extreme Compact Smart Charger Base, displaying the LCD screen with charging percentage.

SETUP

Before using your Green Extreme Compact Smart Charger, ensure you have the correct battery plate for your specific camera battery type. Battery plates are sold separately and are interchangeable.

1. **Install Battery Plate:** Align the battery plate with the designated slot on the charger base. Gently slide the plate into place until it clicks securely.
2. **Connect to Power:**
 - **AC Power:** Extend the foldable prongs from the charger body and plug the charger directly into a standard AC wall outlet (110-240V).
 - **DC Power (Car Charger):** Connect the included car charger adapter to the DC input port on the side of the charger. Plug the other end of the adapter into your vehicle's 12-24V DC outlet.



*Battery Plate
Not Included

Image: A hand demonstrating the insertion of a battery plate into the charger base.



Image: The included 12V DC car charger adapter for portable charging.

OPERATING INSTRUCTIONS

The Green Extreme Smart Charger is designed for ease of use, providing clear feedback on the charging process.

1. **Insert Battery:** Once the correct battery plate is installed and the charger is powered on, insert your camera battery into the plate. Ensure it is seated firmly.
2. **Monitor Charging:** The LCD screen will immediately display the charging status. It shows the percentage of charge completion, voltage, and current. A numerical and bar display indicates the battery's readiness.
3. **Charging Completion:** The charger will automatically stop charging once the battery reaches full capacity to prevent overcharging. The LCD screen will indicate 100% charge.



Image: The charger with a battery inserted, showing the LCD screen displaying 67% charge completion.

Key Features:

- **Rapid Charging:** Delivers 600mA output for efficient battery replenishment.
- **Universal Compatibility:** Supports various battery types (4.2V/4.35V/8.4V/8.7V) by swapping battery plates.
- **Integrated Safety:** Features built-in protection against overcharging, overheating, and short circuits.
- **Real-Time Monitoring:** LCD screen provides live updates on charging status, voltage, and current.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your charger.

- **Cleaning:** Use a soft, dry cloth to wipe the exterior of the charger. Do not use liquid cleaners or solvents. Ensure the charging contacts on the base and battery plates are clean and free of debris.
- **Storage:** When not in use, store the charger in a cool, dry place away from direct sunlight and extreme temperatures. The foldable prongs allow for streamlined storage.
- **Handling:** Avoid dropping the charger or subjecting it to strong impacts. Do not attempt to disassemble the unit; there are no user-serviceable parts inside.

TROUBLESHOOTING

If you encounter issues with your Green Extreme Compact Smart Charger, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Charger not powering on or LCD blank.	No power supply; loose connection; faulty outlet.	Ensure the charger is securely plugged into a working power outlet. Try a different outlet or power source (AC/DC).
Battery not charging or charging slowly.	Incorrect battery plate; poor battery contact; battery issue; charger malfunction.	Verify the correct battery plate is installed for your battery type. Re-insert the battery to ensure proper contact. Clean battery and charger contacts. Test with a different battery if possible. If the issue persists, the charger may require service.
Battery not reaching 100% charge.	Battery degradation; charger calibration issue.	Some older or heavily used batteries may not reach full capacity. Ensure the battery is fully discharged before charging. If the problem persists across multiple batteries, contact support.
"Battery Plate Not Included" message (if applicable).	The charger base is sold separately from specific battery plates.	Purchase the appropriate battery plate for your camera battery model. The charger requires a specific plate to function with your battery.

If these solutions do not resolve the issue, please contact Green Extreme customer support or your retailer for further assistance.

SPECIFICATIONS

Feature	Detail
Model Number	GX-CH1
Product Dimensions	5.5 x 2.75 x 2 inches
Item Weight	4.2 ounces (0.26 Pounds)
Input Voltage	AC 100-240V 50/60Hz, DC 12-24V
Max Input Current	150mA

Feature	Detail
Output Voltage	DC 4.2V/4.35V/8.4V/8.7V
Output Current	600mA
Manufacturer	Green Extreme
Country of Origin	China

WARRANTY AND SUPPORT

For information regarding product warranty, please refer to the warranty card included with your purchase or visit the official Green Extreme website. Warranty terms and conditions may vary by region and retailer.

If you require technical support, have questions about your product, or need to inquire about replacement parts (such as battery plates), please contact Green Extreme customer service directly or the retailer from whom you purchased the product. You can often find contact information on the manufacturer's official website or on your purchase receipt.

Visit the [Green Extreme Store](#) for more products and accessories.