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Powerextra D-Tap Charger

Powerextra D-Tap Charger Instruction Manual

Model: D-Tap Charger

1. INTRODUCTION

This manual provides instructions for the Powerextra D-Tap Charger, designed for V Mount, V Lock, and Gold Mount batteries. It ensures efficient and safe charging for compatible camera batteries and other devices that utilize a D-Tap port for charging.

Wide Compatibility

Charging batteries with D-Tap port, V-Mount battery / Gold Mount battery



V-Mount battery



Gold Mount battery



Other D-Tap port battery

Image 1.1: Powerextra D-Tap Charger with its integrated D-Tap cable.

2. PACKAGE CONTENTS

Verify that all items are present in your package:

- 1 x Powerextra D-Tap Charger
- 1 x 100cm AC Charging Cable
- 1 x Microfiber Cleaning Cloth

Package Contents

- 1 x D-Tap Charger
- 1 x 100cm Charging Cable
- 1 x Microfiber Clean Cloth



Image 2.1: The D-Tap charger, AC power cable, and microfiber cloth included in the package.

3. SPECIFICATIONS

Feature	Specification
AC Input	100-240V / 0.8A
DC Output	16.8V-2.0A
Output Voltage	16.8 Volts
Item Weight	8.1 ounces (approx. 230g)
Package Dimensions	6.14 x 3.58 x 1.46 inches
Certifications	CE

4. SETUP

Follow these steps to set up your D-Tap Charger:

1. **Connect the AC Power Cable:** Insert the included 100cm AC charging cable into the power input port on the charger unit.
2. **Plug into Power Outlet:** Plug the other end of the AC charging cable into a standard wall power outlet (100-240V).
3. **Connect to Battery:** Insert the D-Tap connector from the charger into the D-Tap port on your compatible V Mount, V Lock, or Gold Mount battery. Ensure a secure connection.



Image 4.1: The D-Tap connector for battery connection.



ABOUT US

- Founded in 2010, Powerextra is a renowned manufacturer of batteries and battery-related accessories. It is top-notch in terms of compatibility, quality, and after-sales service!



VARIOUS INTERFACES

- V Mount/ V-lock Battery
- Support USB-C PD Fast Charging



DIFFERENT SIZES

- Powerextra has 2 different sizes of batteries, and different capacities to meet your different shooting needs

Image 4.2: Examples of compatible V-Mount, Gold Mount, and other D-Tap port batteries.

5. OPERATING INSTRUCTIONS

Once the charger is connected to a power source and a compatible battery, it will begin charging automatically.

- Charging Indicator:** The charger features an LED indicator light to show the charging status.
- Red Light:** Indicates that the battery is currently charging.
- Green Light:** Indicates that the battery is fully charged.

The charger utilizes automatic constant current control to optimize charging speed and prevent overcharging.



Image 5.1: Charger connected to a battery, with the red LED indicating active charging.

6. SAFETY INFORMATION

To ensure safe operation and prolong the life of your charger and batteries, please observe the following safety precautions:

- **Overcharge Protection:** The charger is designed to prevent batteries from overcharging.
- **Short Circuit Protection:** Built-in mechanisms protect against short circuits.
- **Over Current Protection:** Safeguards against excessive current flow.
- **Over Heating Protection:** Prevents the charger from overheating during operation.
- **Over Discharge Protection:** (Note: This protection is typically a feature of the battery itself, but the charger is designed to work safely with such batteries.)
- Use the charger only with compatible V Mount, V Lock, or Gold Mount batteries.
- Do not expose the charger to moisture, rain, or extreme temperatures.
- Do not disassemble or modify the charger. Refer all servicing to qualified personnel.
- Keep out of reach of children.

Multi-protection, Safe and Reliable



Short circuit protection



Over discharge protection



Over current protection



Over charge protection



Over heating protection



Image 6.1: Visual representation of the multi-protection features including short circuit, over discharge, over current, over charge, and over heating protection.

7. MAINTENANCE

Proper maintenance ensures optimal performance and longevity of your charger:

- **Cleaning:** Use the provided microfiber cleaning cloth to gently wipe the charger and cables. Do not use liquid cleaners or solvents.
- **Storage:** Store the charger in a cool, dry place away from direct sunlight and extreme temperatures when not in use.
- **Cable Care:** Avoid bending or crimping the cables excessively. Always grasp the plug, not the cable, when disconnecting.

8. TROUBLESHOOTING

If you encounter issues with your Powerextra D-Tap Charger, refer to the following common problems and solutions:

- **Charger Not Powering On:**

- Ensure the AC power cable is securely connected to both the charger and the wall outlet.
- Verify that the wall outlet is functional by testing it with another device.

- **Battery Not Charging:**

- Check that the D-Tap connector is fully and correctly inserted into the battery's D-Tap port.
- Confirm that the battery is compatible with the charger and is not fully charged already (green LED).
- Inspect the D-Tap cable and connector for any visible damage.

- **Indicator Light Not Functioning:**

- If the charger is connected and the battery is not fully charged, but the light is off, contact customer support.

If the problem persists after attempting these solutions, please contact Powerextra customer support for further assistance.

9. WARRANTY AND SUPPORT

Powerextra provides the following for this D-Tap Charger:

- **Warranty:** 12-month hassle-free warranty from the date of purchase.
- **Support:** Lifetime technical support.

For warranty claims, technical assistance, or any product-related inquiries, please contact Powerextra customer service through their official website or the retailer where the product was purchased.