

## Andoer WY-F550X2 (DMW-DCC17 Variant)

# Andoer D-Tap to Dual-Sided NP-F Dummy Battery Power Adapter with DMW-DCC17 Type-C Dummy Battery User Manual

Model: WY-F550X2 (DMW-DCC17 Variant)

## 1. INTRODUCTION

This manual provides instructions for the safe and effective use of the Andoer D-Tap to Dual-Sided NP-F Dummy Battery Power Adapter, specifically the variant including a DMW-DCC17 Type-C Dummy Battery. This device is designed to provide continuous power to various camera accessories and cameras from a single V-mount battery via D-Tap, enhancing portability and power management for photographic and videographic activities.

## 2. PRODUCT OVERVIEW

The Andoer D-Tap to Dual-Sided NP-F Dummy Battery Power Adapter (Model WY-F550X2) is a versatile power solution. It features a dual-sided NP-F dummy battery design, a D-Tap input, and a Type-C output with Power Delivery (PD) functionality. This specific package includes a DMW-DCC17 Type-C Dummy Battery for compatible cameras.

### 2.1 Components

- D-Tap to Dual-Sided NP-F Dummy Battery Adapter (Model WY-F550X2)
- Coiled D-Tap Cable
- Type-C to DMW-DCC17 Dummy Battery

### 2.2 Key Features

- **Dual-Sided NP-F Dummy Battery:** Powers devices compatible with NP-F batteries, such as monitors, wireless receivers, LED video lights, and microphones.
- **D-Tap Input:** Connects to a V-mount battery for primary power supply.
- **Type-C Output with PD:** Provides power to an additional device, supporting 5V, 9V, or 12V output up to 36W.
- **Integrated Protection Circuits:** Built-in input/output reverse, high voltage, and overload protection for safe operation.

- **Included DMW-DCC17 Dummy Battery:** Allows compatible cameras to be powered directly from the adapter.



Figure 1: Overview of the Andoer D-Tap to Dual-Sided NP-F Dummy Battery Power Adapter kit. This image shows the main NP-F adapter, the coiled D-Tap cable, and the DMW-DCC17 Type-C dummy battery.



Figure 2: The D-Tap to NP-F adapter, coiled cable, and DMW-DCC17 dummy battery laid out. This image highlights the individual components of the power solution.

### 3. SETUP AND CONNECTION

Follow these steps to set up your Andoer D-Tap to Dual-Sided NP-F Dummy Battery Power Adapter:

1. **Connect to Power Source:** Insert the D-Tap connector of the coiled cable into a compatible D-Tap output port on a V-mount battery or power distribution plate. Ensure a secure connection.
2. **Connect to NP-F Devices:** Insert the dual-sided NP-F dummy battery adapter into the NP-F battery slot of your monitor, wireless receiver, LED video light, or microphone. The adapter can power two NP-F compatible devices simultaneously.
3. **Connect to Camera (DMW-DCC17):**
  - Connect the Type-C end of the DMW-DCC17 dummy battery cable to the Type-C output port on the NP-F adapter.
  - Insert the DMW-DCC17 dummy battery into the battery compartment of your compatible camera.
  - Close the camera's battery door, ensuring the cable passes through any designated cable exit.
4. **Connect Additional Type-C Device (Optional):** If needed, connect another Type-C powered device (e.g., a smartphone for charging) to the remaining Type-C output port on the NP-F adapter.

**Important: Ensure all connections are firm before powering on any devices. Always connect the D-**

Tap cable to the power source last, and disconnect it first when powering down.

## PD port power supply

A Type-C output outlet with 36W on the side of the fake battery supports PD 5V/9V/12V for external connection of the fake battery, 8K Raw power supply for the camera, and mobile phone charging.

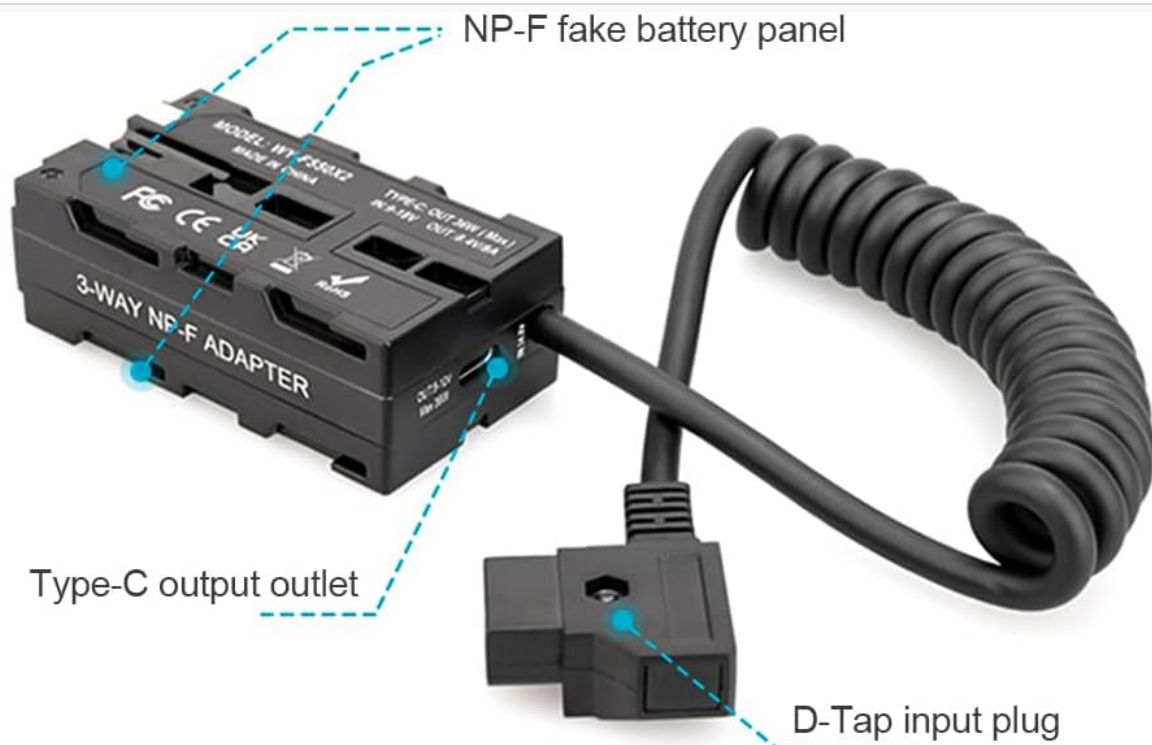
Note: Only includes D-Tap to Dual-sided NP-F550 Dummy Battery + Type-C Dummy Battery



Figure 3: The D-Tap to NP-F adapter connected to a wireless receiver, demonstrating its use in a typical setup. The coiled cable provides flexibility.



Figure 4: Close-up view of the D-Tap to NP-F adapter showing the Type-C output port. This port can be used to power a camera via a Type-C dummy battery or other Type-C devices.



## SPECIFICATIONS:

**Input:** DC:9-20V, D-Tap    Input: anti-reverse protection, input reverse protection

**Output:** DC8V 8A(NP-F two interfaces share 8A)

Type-C output supports PD 5/9/12V,36W

**Product size:** 70.8\*38.6\*24mm (excluding line)

**Wire specification:** spring wire OD5.0, conductor 0.75 square, two ends 7CM, coil part 12CM, elongated 60CM

**Product weight:** 14.5g

**Note:** Do not power the camera. (When the input is 9V, the output may only have a normal voltage drop of 7.8V, which can be used normally, but TYPE-C has only 5V output)

Figure 5: The flexible coiled D-Tap cable, which can extend up to 60cm, providing versatility in rigging.

## 4. OPERATING INSTRUCTIONS

Once all connections are made as described in the Setup section:

1. **Power On:** Turn on your V-mount battery or power source. The connected devices (monitor, wireless receiver, camera, etc.) should receive power.
2. **Monitor Power Status:** Observe the power indicators on your connected devices to confirm they are receiving power correctly.
3. **Type-C Power Delivery:** The Type-C output port supports Power Delivery (PD) and will automatically negotiate the appropriate voltage (5V, 9V, or 12V) with the connected device, up to 36W.
4. **Power Off:** To power down, first turn off all connected devices, then disconnect the D-Tap cable from the V-mount battery. Finally, disconnect the dummy batteries from your devices.

**Note:** Do not power the camera directly from the D-Tap input if the input voltage is 9V. In such cases, the NP-F output will be 7.8V, which is normal, but the Type-C output will only be 5V. Ensure your camera's power requirements are met by the Type-C output when using the DMW-DCC17 dummy battery.



5. SPECIFICATIONS

Feature	Specification
Input Voltage	DC 9-18V (D-Tap)
NP-F Dummy Battery Output	DC 8.4V, 8A (double-sided power share)
Type-C Output	5V 3A / 9V 2A / 12V 1.5A (36W Max, with PD function)
Max Cable Length	60cm (coiled D-Tap cable)
Dimensions	70.8 x 38.6 x 24mm (NP-F adapter)
Weight	92g (NP-F adapter)
Protection	Input/output reverse, high voltage, overload protection circuit



Figure 6: Detailed diagram illustrating the components and specifications of the Andoer D-Tap to NP-F adapter, including input/output ports and dimensions.

6. MAINTENANCE AND CARE

- Keep the adapter and cables clean and dry. Avoid exposure to moisture or extreme temperatures.
- Do not attempt to disassemble or modify the device. This may void the warranty and cause damage.
- Store the device in a cool, dry place when not in use.
- Regularly inspect cables for any signs of wear or damage. Replace damaged cables immediately.

## 7. TROUBLESHOOTING



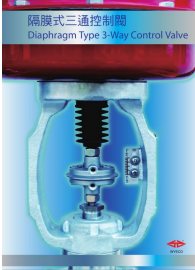



Problem	Possible Cause	Solution
No power to connected devices.	<ul style="list-style-type: none"> <li>◦ D-Tap cable not securely connected.</li> <li>◦ V-mount battery depleted or off.</li> <li>◦ Dummy battery not fully inserted.</li> <li>◦ Overload protection activated.</li> </ul>	<ul style="list-style-type: none"> <li>◦ Check all D-Tap and dummy battery connections.</li> <li>◦ Ensure V-mount battery is charged and powered on.</li> <li>◦ Re-insert dummy batteries firmly.</li> <li>◦ Disconnect devices, then reconnect one by one to identify overloaded device.</li> </ul>
Type-C device not charging/powering.	<ul style="list-style-type: none"> <li>◦ Type-C cable faulty or incompatible.</li> <li>◦ Device not compatible with PD.</li> <li>◦ Input voltage too low for PD (e.g., 9V D-Tap input limits Type-C to 5V).</li> </ul>	<ul style="list-style-type: none"> <li>◦ Try a different Type-C cable.</li> <li>◦ Verify device compatibility with PD.</li> <li>◦ Ensure D-Tap input voltage is sufficient for desired Type-C output (e.g., &gt;9V for 9V/12V Type-C output).</li> </ul>
Intermittent power.	<ul style="list-style-type: none"> <li>◦ Loose connection.</li> <li>◦ Damaged cable.</li> </ul>	<ul style="list-style-type: none"> <li>◦ Check and secure all connections.</li> <li>◦ Inspect cables for damage and replace if necessary.</li> </ul>

## 8. WARRANTY AND SUPPORT

Andoer products are designed for reliability and performance. For warranty information and technical support, please refer to the official Andoer website or contact your retailer. Keep your purchase receipt as proof of purchase for warranty claims.

For further assistance, you may visit the [Andoer Store on Amazon](#).



	<p><a href="#">Panasonic DMW-DCC17 DC Coupler Operating Instructions and Specifications</a></p> <p>Official operating instructions, specifications, and warranty information for the Panasonic DMW-DCC17 DC Coupler, a digital camera accessory designed to connect AC adaptors to cameras.</p>
	<p><a href="#">Panasonic DMW-DCC18 DC Coupler Operating Instructions</a></p> <p>Official operating instructions for the Panasonic DMW-DCC18 DC Coupler, detailing its features, usage, specifications, and safety precautions for connecting AC adapters to digital cameras.</p>
	<p><a href="#">WYECO Diaphragm Type 3-Way Control Valve - Technical Specifications and Product Information</a></p> <p>Comprehensive technical specifications, model details, selection guide, and application information for WYECO's Diaphragm Type 3-Way Control Valves. Includes material combinations, performance data, calculation formulas, and flange standards.</p>
	<p><a href="#">Panasonic DMC-SZ9 Digital Camera: Basic Operating Instructions</a></p> <p>Concise operating instructions for the Panasonic DMC-SZ9 digital camera, covering setup, basic operations, remote shooting via smartphone, software installation, and technical specifications. Includes essential safety information and accessory details.</p>
	<p><a href="#">Panasonic LUMIX DMC-TZ40 Digital Camera Basic Operating Instructions</a></p> <p>Comprehensive basic operating instructions for the Panasonic LUMIX DMC-TZ40 digital camera, covering setup, essential functions, safety warnings, battery handling, picture and video recording, GPS features, Wi-Fi connectivity with smartphones, and technical specifications.</p>
	<p><a href="#">Panasonic DMW-XLR2 XLR Microphone Adaptor Operating Instructions</a></p> <p>Detailed operating instructions and owner's manual for the Panasonic DMW-XLR2 XLR Microphone Adaptor. Learn how to connect microphones, configure audio settings, and optimize sound recording with Panasonic digital cameras. Includes precautions, specifications, and support information.</p>