

Moman TAP50-EU

Moman Gimpro D-tap Charger User Manual

Model: TAP50-EU

1. PRODUCT OVERVIEW

The Moman Gimpro D-tap Charger (Model: TAP50-EU) is designed for efficient and safe charging of V-mount and gold mount batteries equipped with a D-Tap socket. It provides a maximum output of DC 16.8V 3A, ensuring fast and reliable power delivery for various professional video and photography equipment.



Figure 1: Moman Gimpro D-tap Charger with power cable.

2. KEY FEATURES

- **Wide Compatibility:** Works with all V-mount batteries or gold mount batteries with a D-Tap socket. Compatible with models such as HVR-S270C, PMW-EX330K, PMW-EX330L, PMW-580K, PMW580L, PDW-680, PDW-700, PDW-850, PMW-TD300, HDW-F900R, HDW-680, HDW-800P, PMW-F55, PMW-F5, etc.

Wide Compatibility

Widely work with all V-mount/V-lock/Gold mount batteries with a D-tap socket.



Figure 2: Charger demonstrating wide compatibility with different battery types.

- **Efficient Power Output:** Input: 100-240V AC, 50/60Hz, 1A max. Output: DC 16.8V 3A max. Total Power: 50W. Cable Length: 245cm (8ft).

D-Tap Charger for V-Mount Battery



Figure 3: Detailed view of charger specifications and components.

- **Intuitive LED Indicator:** A clear LED light indicates the charging status:

- **Red light:** Charging in progress.
- **Green light:** Battery is fully charged.

Intuitive **LED** Indicator



Figure 4: LED indicator showing charging status.

- **Quick Charging Support:** GIMPRO Tap50 supports fast charging with its 3A max output and automatic constant current control, which effectively prevents battery overcharging.

3A Max Quick Charge

Support quick charging and automatic constant current control.



Figure 5: Charger connected to a battery, highlighting quick charge capability.

- **Safe and Reliable:** Constructed from high-quality materials and certified by CE, UKCA, and UL standards. Features multiple protection mechanisms including short circuit protection, overcurrent protection, and overvoltage protection.

Safe and Reliable

Certified by CE, UKCA and UL standards, with short circuit protection, overcurrent protection and overvoltage protection.



Over-voltage
protection



Over-charge
protection



Over-current
protection



Over-heat
protection



Short-circuit
protection



Figure 6: Safety features and certifications of the charger.

3. SETUP

1. **Unpack the Charger:** Carefully remove the Moman Gimpro D-tap Charger and its power cable from the packaging.
2. **Connect to Power:** Plug the AC power cord into the charger's input port. Then, insert the power plug into a standard wall outlet or a power strip.

D-Tap Charger with US or UK Version

We will send you a different version for your region.



Figure 7: Charger with different regional plug options.

3. **Initial Check:** Upon connecting to power, the charger's LED indicator should briefly flash or illuminate green, indicating it is ready.

4. OPERATING INSTRUCTIONS

1. **Connect Battery:** Plug the D-Tap connector of the charger into the D-Tap socket of your V-mount or gold mount battery. Ensure a secure connection.
2. **Monitor Charging Status:**
 - When the battery is charging, the LED indicator on the charger will glow red.
 - Once the battery is fully charged, the LED indicator will turn green.
3. **Disconnect Battery:** After the battery is fully charged (green LED), disconnect the D-Tap connector from the battery. Then, unplug the charger from the power outlet.

5. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the charger. Do not use liquid cleaners or solvents.
- **Storage:** Store the charger in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Avoid dropping the charger or subjecting it to strong impacts. Do not attempt to disassemble or

modify the charger.

- **Cable Care:** Do not bend or crimp the cables excessively. Always pull by the plug, not the cable, when disconnecting.

6. TROUBLESHOOTING

Issue: Charger LED flashes or makes popping sound upon plugging in.

If the charger's LED flashes or you hear a popping sound immediately after plugging it into a power outlet, and the LED does not stabilize to a solid green (ready) or red (charging) state, this may indicate an internal issue with the charger or an unstable power supply.

Possible Causes & Solutions:

- **Unstable Power Source:** Try plugging the charger into a different wall outlet or a different power strip to rule out issues with the power source.
- **Internal Fault:** If the issue persists across multiple power outlets, the charger may have an internal fault. In this case, discontinue use immediately.
- **Contact Support:** Refer to the "Warranty and Support" section for information on how to contact Moman customer service for assistance or replacement.

7. SPECIFICATIONS

Specification	Value
Product Dimensions	1.65 x 5.04 x 7.32 inches
Item Weight	10.6 ounces
Item Model Number	TAP50-EU
Brand	Moman
Input Voltage	100-240V AC, 50/60Hz, 1A max
Output Voltage	DC 16.8V 3A max
Power	50W
Cable Length	245cm (8ft)
Certifications	CE, UKCA, UL
Date First Available	August 16, 2021

8. WARRANTY AND SUPPORT

- **Refund Policy:** Enjoy a 30-day refund policy if you are not satisfied with the product.
- **Replacement Warranty:** The product comes with an 18-month replacement warranty.
- **Customer Support:** Moman provides 7/24 professional online support for any queries or issues you may encounter.
- For further assistance, please visit the official Moman store or contact their customer service directly.

