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› BatteryMon 100W USB-C Battery Charger Instruction Manual

## BatteryMon BRJ90200500

# BatteryMon 100W USB-C Battery Charger Instruction Manual

Model: BRJ90200500 | Brand: BatteryMon

## 1. INTRODUCTION

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Thank you for choosing the BatteryMon 100W USB-C Battery Charger. This high-performance power adapter is designed to provide efficient and safe charging for a wide range of DJI drones and accessories, as well as other USB-C compatible devices. Please read this manual thoroughly before use to ensure proper operation and to maximize the lifespan of your charger and devices.



Image 1.1: BatteryMon 100W USB-C Battery Charger and included power cable.

## 2. PRODUCT FEATURES

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- **100W USB-C Output:** Provides powerful and fast charging for compatible devices.
- **Wide Compatibility:** Specifically designed for DJI Type-C drones and controllers, including Air 3, Air 3S, Avata 2, Mavic 3 series, Mini 4 Pro, Mini 3 series, and various DJI accessories like Goggles 2 Battery and RC controllers.
- **Universal Power Delivery (PD) Support:** Compatible with all standard PD protocols, allowing versatile usage with other USB-C devices such as phones and laptops (fits 30W, 45W, 65W USB-C chargers).
- **Advanced Safety Protections:** Built-in circuit protection against overheating, short-circuiting, overloading, and overvoltage, ensuring safety and stability during charging.
- **Durable Design:** Features a reinforced power junction and high copper nickel plating for the plum-shaped interface to protect and extend service life.

# 100W

# USB Drone Charger

## CHARGER SPECIFICATIONS:

- **input: 100-240v 50-60Hz**
- **output: 5v 3a 15w, 9v 3a 27w  
12v 3a 36w, 15v 3a 45w  
20v 5a 100w**



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Image 2.1: Charger specifications and connection to a drone.

## 3. PACKAGE CONTENTS

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Please verify that all items are present in your package:

- 1 x BatteryMon 100W USB-C Battery Charger
- 2 x USB Cable

## 4. SETUP AND CONNECTION

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Follow these steps to set up and connect your BatteryMon 100W USB-C Battery Charger:

1. Connect the included power cable to the charger's AC input port.
2. Plug the other end of the power cable into a standard wall outlet (100-240V, 50-60Hz).
3. Connect one of the provided USB-C cables to the USB-C output port on the charger.

4. Connect the other end of the USB-C cable to your DJI drone, remote controller, battery hub, or other compatible USB-C device.
5. Ensure all connections are secure before initiating charging.



Image 4.1: Detail of the USB-C connector, highlighting its 100W max capability.



Image 4.2: The charger can be used for DJI USB-C drones and various USB-C accessories like laptops and phones.

## 5. OPERATING INSTRUCTIONS

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Once connected, the BatteryMon 100W USB-C Battery Charger will automatically begin charging your device. The charging status is typically indicated by the device itself (e.g., LED indicators on drone batteries or remote controllers).

- **Fast Charging:** The charger supports Power Delivery (PD) protocols, enabling rapid charging for compatible devices that can utilize 100W power input.
- **Multiple Device Charging:** While the charger has one USB-C output, it can be used to charge various devices sequentially or with a compatible multi-port hub (not included).
- **Optimal Performance:** For best charging performance, use the provided USB-C cables or high-quality, certified USB-C to USB-C cables that support 100W Power Delivery.

Your browser does not support the video tag.

Video 5.1: Demonstration of the 100W USB-C Battery Charger in use with DJI drones and accessories.

## 6. COMPATIBILITY

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The BatteryMon 100W USB-C Battery Charger is broadly compatible with DJI devices and other USB-C powered electronics. Refer to the list below for specific DJI models:

### For DJI Mini Drone Series:

- Mini SE
- Mini 4K
- Mini 2
- Mini 2 SE
- Mini 3
- Mini 3 Pro
- Mini 4 Pro
- Mavic Mini

### For DJI Air Series:

- Air 3

- Air 3S

### **For DJI Mavic 3 Series:**

- Mavic 3
- Mavic 3 Pro
- Mavic 3 Cine
- Mavic 3 Classic
- Mavic 3 Enterprise

### **For DJI Avata Series:**

- Avata
- Avata 2

### **For DJI Other Accessories:**

- DJI Remote Controller (RC, RC-N1, RC-N2, RC-N3, RC2, RC Pro/RC Pro Plus)
- DJI Goggles 2 Battery
- DJI USB-C Battery Charging Hub (100W max)

# 100W Charger's Compatibility

## FOR DJI MINI DRONE:

- Mini SE
- Mini 4K
- Mini 2
- Mini 2 SE
- Mini 3
- Mini 3 Pro
- Mini 4 Pro
- Mavic Mini



## FOR DJI AIR 3 FOR DJI AIR 3S



## FOR DJI MAVIC 3 SERIES:

- Mavic 3
- Mavic 3 Pro
- Mavic 3 Cine
- Mavic 3 Classic
- Mavic 3 Enterprise



## FOR DJI AVATA/AVATA 2 DRONE



## FOR DJI OTHER SERIES:

- DJI REMOTE CONTROLLER
- DJI GOGGLES 2 BATTERY
- DJI Usb-c Battery Charging Hub



Image 6.1: Visual compatibility chart for DJI drones and accessories.

## 7. SAFETY INFORMATION

Your safety is paramount. Please observe the following precautions when using the BatteryMon 100W USB-C Battery Charger:

- Do not expose the charger to water, moisture, or extreme temperatures.
- Avoid dropping, disassembling, or attempting to repair the charger yourself.
- Ensure proper ventilation around the charger during use to prevent overheating.
- Use only the provided cables or certified equivalents that support the charger's power output.
- Keep out of reach of children and pets.
- Unplug the charger from the power outlet when not in use or during electrical storms.
- The charger features built-in protections against over-current, over-voltage, short-circuit, and over-temperature.

# Multiple Safety Protection



**OVERHEAT  
PROTECTION**



**SHORT-CIRCUIT  
PROTECTION**



**OVERLOAD  
PROTECTION**



**OVERVOLTAGE  
PROTECTION**



**INTELLIGENTER  
CHIP**



Image 7.1: Overview of the charger's multiple safety protection features.

## 8. SPECIFICATIONS

Feature	Detail
Model Number	BRJ90200500
Input Voltage	100-240V, 50-60Hz
Output Power	100W Max
Output Amperage	3.25 Amps (at 20V)
Connector Type	USB Type C
Special Feature	Fast Charging (Power Delivery)

Item Weight	12.6 ounces
Package Dimensions	7.44 x 5 x 1.85 inches

# Careful Design in Every Detail



## Power Junction

- reinforcing design
- excellent workmanship



## Plum-shaped Interface

- High copper nickel plating
- Protect and extend service life



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Image 8.1: Details of the charger's robust design elements.

## 9. MAINTENANCE

To ensure the longevity and optimal performance of your charger, follow these simple maintenance guidelines:

- **Cleaning:** Disconnect the charger from power and devices. Use a soft, dry cloth to wipe the surface. Do not use liquid cleaners or abrasive materials.
- **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 USB-C cables excessively, as this can damage the internal wires.

## 10. TROUBLESHOOTING

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If you encounter issues with your BatteryMon 100W USB-C Battery Charger, please refer to the following common problems and solutions:

Problem	Possible Solution
Charger not powering on/charging device.	<ul style="list-style-type: none"><li>◦ Ensure the power cable is securely plugged into both the charger and the wall outlet.</li><li>◦ Verify the wall outlet is functional by testing with another device.</li><li>◦ Check if the USB-C cable is properly connected to both the charger and the device.</li><li>◦ Try a different USB-C cable to rule out cable issues.</li></ul>
Slow charging.	<ul style="list-style-type: none"><li>◦ Ensure your device supports 100W Power Delivery for optimal charging speed.</li><li>◦ Verify that the USB-C cable used is rated for 100W power transfer.</li><li>◦ Avoid using long or low-quality USB-C cables.</li></ul>
Charger feels hot during use.	<ul style="list-style-type: none"><li>◦ It is normal for chargers to generate some heat during operation, especially during fast charging.</li><li>◦ Ensure adequate ventilation around the charger. Do not cover it.</li><li>◦ If the heat is excessive or accompanied by smoke/smell, immediately unplug the charger and discontinue use.</li></ul>

## 11. WARRANTY AND SUPPORT

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BatteryMon stands behind the quality of its products. This 100W USB-C Battery Charger comes with a **6-month replacement exchange warranty**.

- If the item is found to be defective within 6 months of purchase, you are eligible for a replacement.
- For any questions, concerns, or to claim your warranty, please visit the official BatteryMon store on Amazon and click "ask a question" to get in touch with us.
- You can visit the BatteryMon store here: [BatteryMon Amazon Store](#)

# Best Customer Service

FOR YOU



Image 11.1: BatteryMon's commitment to customer service and warranty.