

DJI 6941565995667

DJI Power 1.8kW Super Fast Charger 45A Car Charging Cable User Manual

1. INTRODUCTION

This manual provides essential information for the safe and effective use of the DJI Power 1.8kW Super Fast Charger 45A Car Charging Cable. This cable is designed to connect the DJI Power 1.8kW Solar/Car Super Fast Charger to a car battery, enabling efficient power station recharging from your vehicle.

The 1.8kW Solar/Car Super Fast Charger is compatible with 12V or 24V car systems. Ensure that the input voltage at the car charging terminals does not exceed 45 V. When utilizing the DJI Power 1000, achieving the maximum 1800W recharging power requires connection to a DJI Power Expansion Battery 2000.

2. PRODUCT OVERVIEW

The DJI Power 1.8kW Super Fast Charger 45A Car Charging Cable is a robust accessory designed for automotive charging applications. It features a durable braided cable and specialized connectors for secure and efficient power transfer.



Image 2.1: The DJI Power 1.8kW Super Fast Charger 45A Car Charging Cable, coiled for storage.

The cable includes specific connectors for interfacing with both the DJI Power 1.8kW Solar/Car Super Fast Charger and a car battery. It is engineered for outdoor use and designed to handle a maximum current of 45 Amps and a maximum voltage of 45 Volts DC.



Image 2.2: Close-up view of the specialized connector on the DJI Power Car Charging Cable.

3. SETUP AND INSTALLATION

Follow these steps to properly set up and install the car charging cable:

1. **Prepare the Vehicle:** Ensure your vehicle's engine is off and the parking brake is engaged. Identify the positive (+) and negative (-) terminals of your car battery.
2. **Connect to Car Battery:** Connect the red cable terminal (positive) to the positive (+) terminal of your car battery. Connect the black cable terminal (negative) to the negative (-) terminal of your car battery. Ensure connections are secure.
3. **Install Fuse:** The cable includes an inline fuse holder. Ensure the appropriate fuse (as supplied or recommended) is correctly installed in the fuse holder to protect against overcurrent.
4. **Connect to DJI Power 1.8kW Solar/Car Super Fast Charger:** Connect the specialized connector of the car charging cable to the corresponding input port on your DJI Power 1.8kW Solar/Car Super Fast Charger. Ensure the connection is firm.
5. **Verify Compatibility:** Confirm that your car system is either 12V or 24V. The input voltage to the car charging terminals must not exceed 45V.



Image 3.1: The complete DJI Power Car Charging Cable assembly, showing battery terminals and the inline fuse.

4. OPERATING INSTRUCTIONS

Once the DJI Power 1.8kW Super Fast Charger 45A Car Charging Cable is correctly installed and connected to both your car battery and the DJI Power 1.8kW Solar/Car Super Fast Charger, the system is ready for operation.

1. **Initiate Charging:** Start your vehicle's engine. The DJI Power 1.8kW Solar/Car Super Fast Charger will automatically detect the power source and begin charging the connected DJI Power Station.
2. **Monitor Charging:** Refer to the display on your DJI Power Station for charging status, input voltage, and current.
3. **Optimal Performance:** For DJI Power 1000 users aiming for the maximum 1800W recharging power, ensure a DJI Power Expansion Battery 2000 is also connected to the power station.
4. **Disconnection:** To disconnect, first turn off your vehicle's engine. Then, disconnect the cable from the DJI Power 1.8kW Solar/Car Super Fast Charger, followed by disconnecting the terminals from the car battery.

5. SAFETY INFORMATION

- Always ensure correct polarity when connecting to a car battery (red to positive, black to negative). Incorrect connection can cause damage to the cable, charger, or vehicle.
- Do not exceed the maximum input voltage of 45V DC.
- Ensure the inline fuse is correctly installed and of the appropriate rating to prevent electrical damage.

- Inspect the cable for any signs of damage (cuts, frayed wires, bent connectors) before each use. Do not use a damaged cable.
- Keep connectors clean and dry. Avoid contact with water or other liquids.
- Do not attempt to modify or disassemble the cable.
- Keep out of reach of children.

6. MAINTENANCE

- **Cleaning:** Use a dry, soft cloth to clean the cable and connectors. Do not use harsh chemicals or abrasive materials.
- **Inspection:** Regularly inspect the entire length of the cable, including connectors and battery terminals, for any signs of wear, damage, or corrosion.
- **Storage:** Store the cable in a cool, dry place away from direct sunlight and extreme temperatures when not in use. Ensure it is coiled neatly to prevent kinks or damage.

7. TROUBLESHOOTING

- **No Charging Indication:**
 - Verify all connections are secure at both the car battery and the DJI Power 1.8kW Solar/Car Super Fast Charger.
 - Check the inline fuse. Replace if blown.
 - Ensure the car engine is running to provide power.
 - Confirm the car battery voltage is within the acceptable range (12V or 24V system).
- **Slow Charging:**
 - Ensure the car's alternator is functioning correctly and providing sufficient output.
 - For maximum 1800W charging with DJI Power 1000, ensure a DJI Power Expansion Battery 2000 is connected.
- If issues persist, refer to the DJI Power 1.8kW Solar/Car Super Fast Charger manual or contact DJI support.

8. SPECIFICATIONS

Feature	Specification
Brand	DJI
Model	6941565995667
Connector Type	XLR, Car Charging Connector
Compatible Devices	Car, Vehicle (for DJI Power 1.8kW Solar/Car Super Fast Charger)
Recommended Uses	Automotive
Connector Gender	Male-to-Female
Number of Pins	4
Maximum Current	45 Amps

Maximum Voltage	45 Volts (DC)
Indoor/Outdoor Usage	Outdoor
Color	Black
Item Weight	1.94 Pounds

9. WARRANTY AND SUPPORT

Warranty: The product is described as "replaceable." For detailed warranty terms and conditions, including coverage period and claims process, please refer to DJI's official warranty policy available on their website or contact DJI customer service directly.

Support: For technical assistance, troubleshooting, or any product-related inquiries, please visit the official DJI support website or contact their customer service department. Keep your product model number (6941565995667) and purchase information readily available when seeking support.