Gebildet E188

Gebildet Dash Cam Hardwire Kit User Manual

Model: E188 | Brand: Gebildet

Product Overview

The Gebildet Dash Cam Hardwire Kit provides a reliable and continuous power supply for your dash camera, GPS navigator, or radar detector directly from your vehicle's electrical system. This kit is designed to prevent battery drain with its integrated low voltage protection, automatically shutting off power when the vehicle's battery voltage drops below a safe level (11.6V for 12V systems, 23.2V for 24V systems), ensuring enough power remains to start your engine. It supports 12V-24V vehicle input and provides a stable 5V output via a Mini USB connector.
The kit includes various fuse holders (ACN, ACS, ACU) and a fuse puller, making installation straightforward and compatible with most vehicle fuse boxes. Its sufficient cable length allows for discreet and clean wiring within your vehicle.

Package Contents

Please verify that all items listed below are included in your package:

- 1 x 12V-24V to 5V Converter Kit (Hardwire Kit)
- 1 x ACN Add-A-Circuit Fuse Holder
- 1 x ACS Add-A-Circuit Fuse Holder
- 1 x ACU Add-A-Circuit Fuse Holder
- 1 x Flat Blade Fuse
- 1 x Small Blade Fuse
- 1 x Standard Blade Fuse
- 1 x Fuse Puller

Image: All components included in the Gebildet Dash Cam Hardwire Kit, showing the main converter, various fuse taps, and fuses.

Setup and Installation

Before beginning installation, ensure your vehicle is turned off and the ignition is in the OFF position. It is recommended to disconnect the negative terminal of your car battery for safety.

1. Check USB Compatibility

This hardwire kit is designed for devices with a Mini USB input. Please confirm your dash cam or other device uses a Mini USB port, not a Micro USB port, to ensure proper connection.

Image: Visual comparison of Mini USB (compatible) and Micro USB (incompatible) ports, highlighting the correct connector type for this kit.

2. Identify Fuse Box and Fuse Types

Locate your vehicle's fuse box, typically found under the dashboard, in the glove compartment, or in the engine bay. Identify an appropriate fuse slot for the hardwire kit. You will need two types of fuse connections:

- **Constant Power (BATACC):** A fuse that provides continuous power even when the ignition is off. This is for parking mode functionality.
- **Accessory Power (ACC):** A fuse that provides power only when the ignition is on. This is for normal recording while driving.

Use the included fuse puller to remove the existing fuse from the chosen slot. Select the correct add-a-circuit fuse holder (ACN, ACS, or ACU) that matches your vehicle's fuse type (Flat Blade, Small Blade, or Standard Blade).

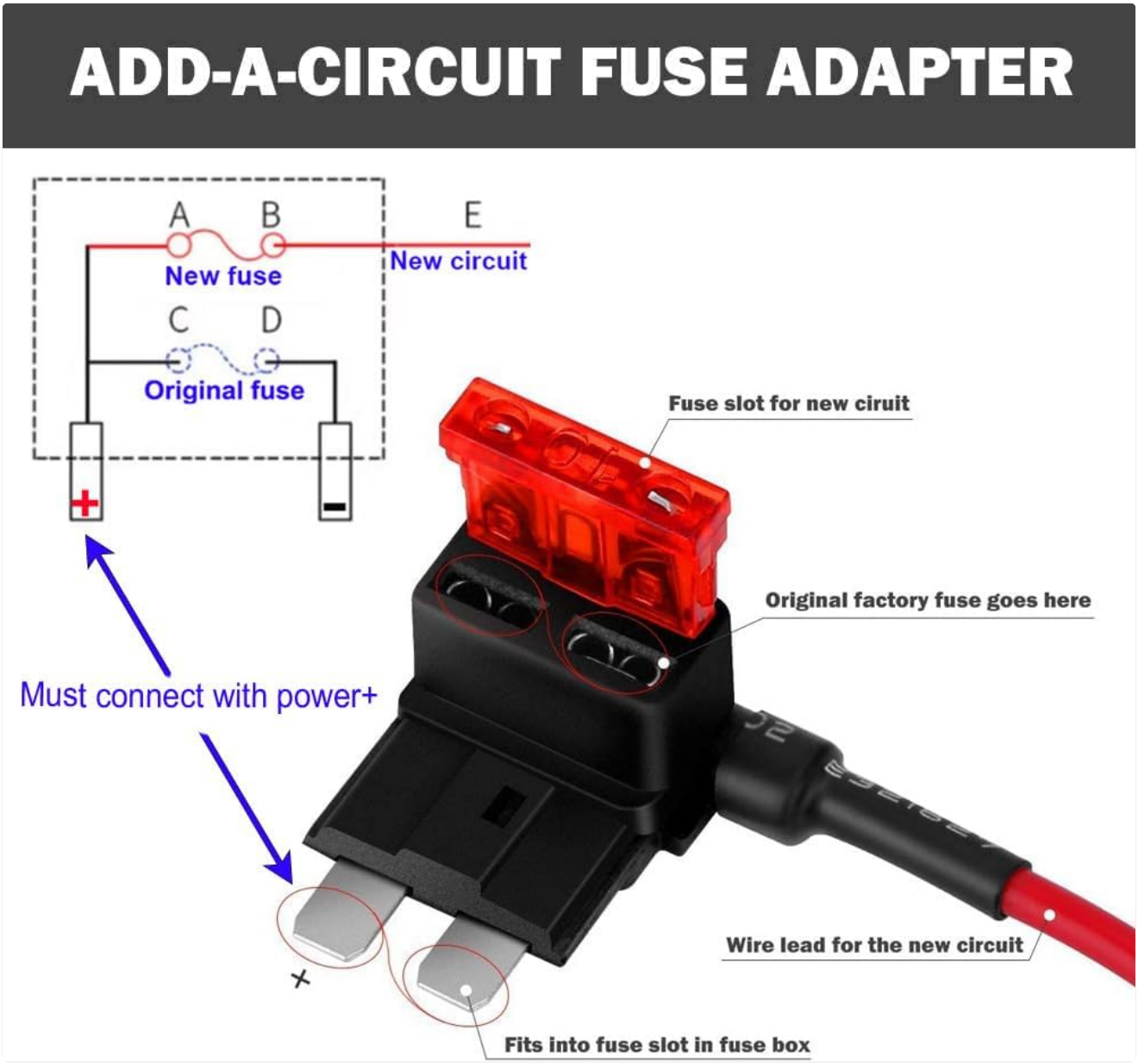

Image: Diagram illustrating how to use the add-a-circuit fuse adapter. The original fuse goes into one slot, and a new fuse for the hardwire kit goes into the other, ensuring both circuits are protected.

3. Wire Connections

The hardwire kit has two main wires for connection:

- **Red Wire (ACC):** Connect this wire to the add-a-circuit fuse holder that will be inserted into an **ACC (Accessory)** fuse slot. This ensures the dash cam powers on and off with your vehicle's ignition.
- **Black Wire (GND):** Connect this wire to any unpainted metal part of the car chassis, which serves as a ground point.

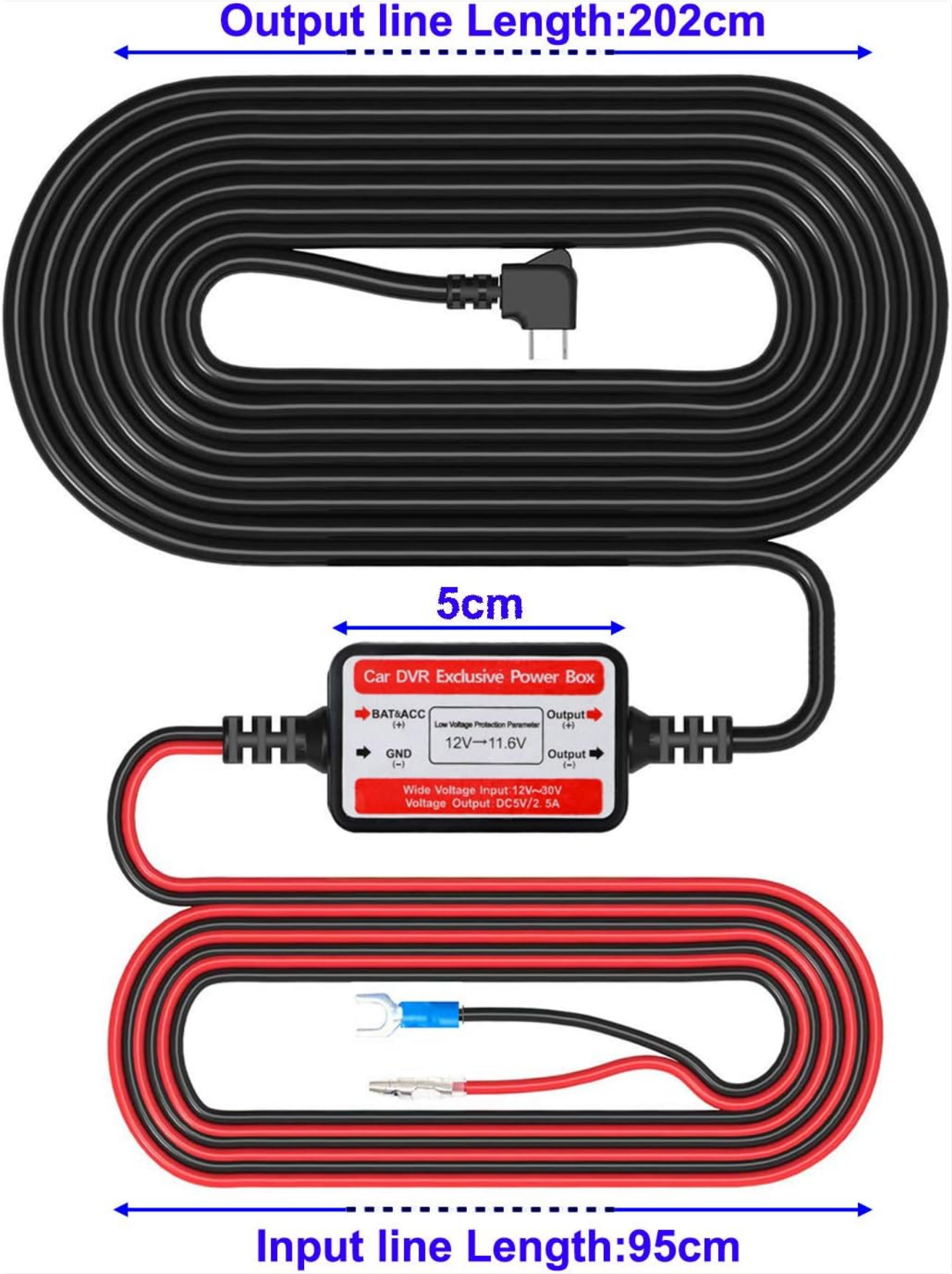

Image: Clear diagram showing the red wire connecting to ACC (Accessory power) via a fuse tap, and the black wire connecting to a ground point on the car chassis.

The kit is designed for easy connection without specialized tools. Simply insert the wire ends into the appropriate connectors and ensure a secure fit.

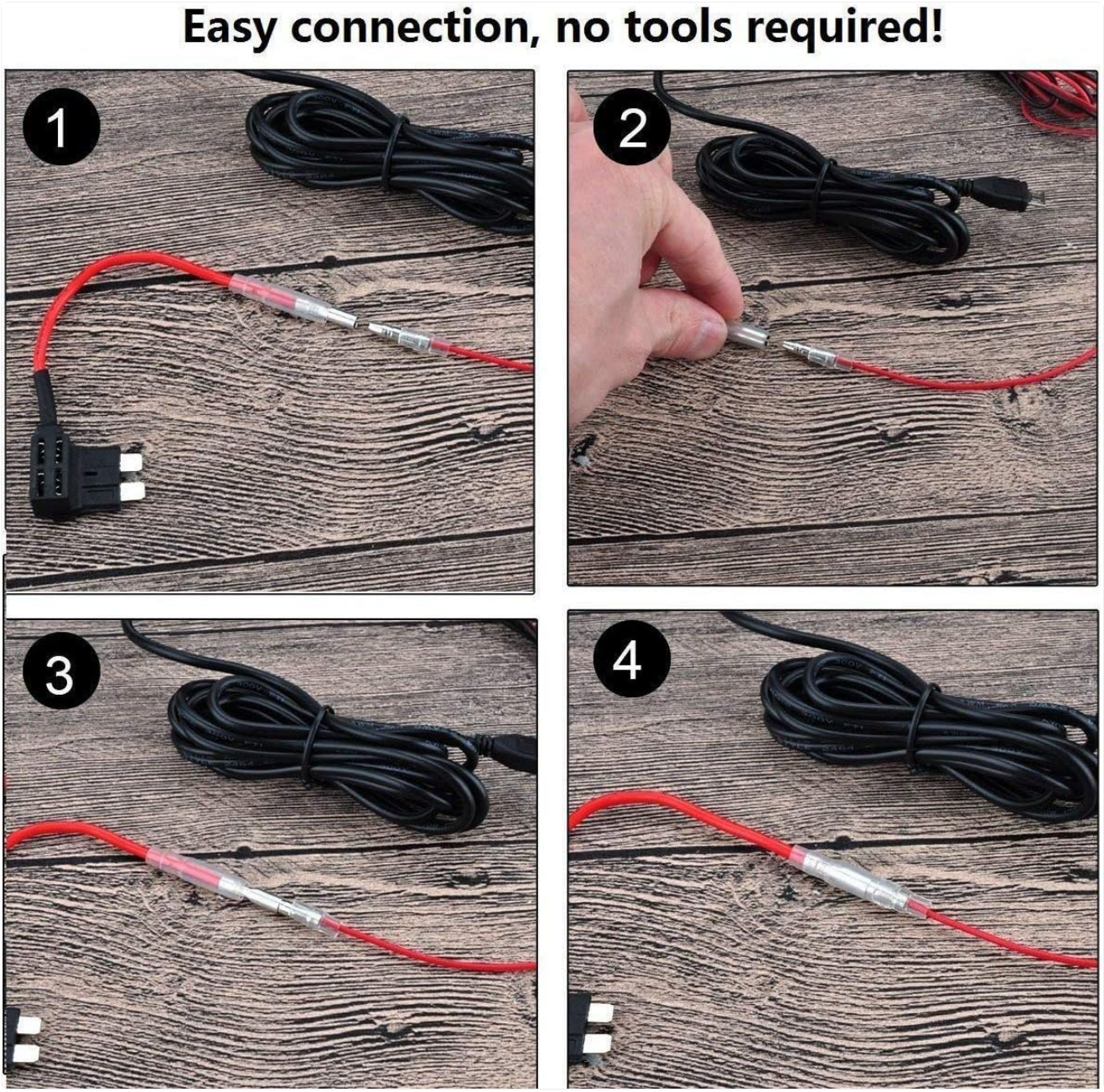

Image: Four-panel illustration demonstrating the simple process of connecting the hardwire kit's wires to the fuse tap and ground terminal, showing a secure, tool-free connection.

4. Cable Routing and Device Connection

Route the output cable (Mini USB) from the hardwire kit to your dash cam. The total length of the hardwire kit is approximately 3.2 meters (0.95m input, 2.2m output), providing ample length for discreet routing along the vehicle's A-pillar, headliner, or dashboard. Connect the Mini USB plug to your dash cam.

Image: Example of a dash cam hardwire installation in a car, showing the cable routed neatly along the windshield and the fuse box location. This setup enables low-voltage battery drain protection.

Image: Diagram showing the dimensions of the hardwire kit, including the 95cm input line length and 202cm output line length, totaling approximately 3.2 meters for flexible installation.

Once all connections are secure, reconnect the negative terminal of your car battery. Turn on your vehicle's ignition to test the dash cam's functionality.

Operating Instructions

The Gebildet Hardwire Kit is designed for automatic operation, providing seamless power to your connected device.

- **Driving Mode:** When connected to an ACC (Accessory) fuse, your dash cam will power on automatically when you start your vehicle and power off when you turn off the ignition.
- **Parking Mode (if supported by your dash cam):** If your dash cam supports parking mode and is connected to a constant power fuse, the hardwire kit will continue to supply power to the dash cam even when the vehicle is off.
- **Low Voltage Protection:** The built-in low voltage protection feature monitors your vehicle's battery voltage. If the voltage drops below 11.6V (for 12V systems) or 23.2V (for 24V systems), the hardwire kit will automatically cut off power to the dash cam to prevent complete battery discharge, ensuring you can still start your vehicle.

Maintenance

The Gebildet Hardwire Kit requires minimal maintenance. To ensure optimal performance and longevity:

- Periodically check all connections (fuse box, ground point, Mini USB) to ensure they remain secure and free from corrosion.
- Inspect the cables for any signs of wear, fraying, or damage. Replace the kit if any significant damage is observed.
- Ensure the hardwire kit's main unit (power box) is not exposed to extreme temperatures or direct moisture.

Troubleshooting

If you encounter issues with your Gebildet Dash Cam Hardwire Kit, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Dash cam does not power on.	Loose connection. Blown fuse in the add-a-circuit holder or vehicle's fuse box. Incorrect fuse slot (e.g., connected to a non-ACC fuse for driving mode). Incorrect USB type (Micro USB instead of Mini USB).	Check all wire connections and ensure they are secure. Inspect fuses in the add-a-circuit holder and the vehicle's fuse box. Replace any blown fuses. Verify that the red wire is connected to an ACC fuse slot and the black wire is properly grounded. Confirm your device uses a Mini USB port.
Vehicle battery drains despite low voltage protection.	Low voltage protection threshold not met (e.g., battery already very low). Faulty vehicle battery. Excessive power draw from other vehicle components.	Ensure the hardwire kit is correctly installed and the low voltage protection is functioning. Have your vehicle's battery tested by a professional. Consider reducing the duration of parking mode recording or adjusting sensitivity settings on your dash cam.
Interference with DAB+ radio or GPS.	Electromagnetic interference (EMI) from the hardwire kit or dash cam. Cables routed too close to radio or GPS antennas.	Reroute the hardwire kit cables away from DAB+ radio antennas, GPS antennas, or other sensitive electronic components. Ensure proper grounding of the hardwire kit.

Specifications

Feature	Detail
Model Number	E188
Input Voltage	DC 12V-24V
Output Voltage	DC 5V
Output Current	2.5A
Low Voltage Protection (12V)	11.6V
Low Voltage Protection (24V)	23.2V
Input Cable Length	0.95 m (95 cm)
Output Cable Length	2.2 m (220 cm)
Total Cable Length	Approx. 3.2 m
Connector Type	Mini USB
Product Dimensions	17 x 10 x 2.2 cm
Item Weight	130 grams

Warranty and Support

Gebildet is committed to customer satisfaction. While a specific warranty period is not stated, we strive to provide high-quality products and sincere service. If you find that our products do not function as expected or do not meet your satisfaction, please do not hesitate to contact us. We are prepared to offer a replacement item or a full refund, as per your preference.

Your feedback and reviews are highly valued as they help us improve our products and services. We greatly appreciate your suggestions.

For support inquiries, please refer to the contact information provided with your purchase or visit the official Gebildet store on Amazon: Gebildet Amazon Store.