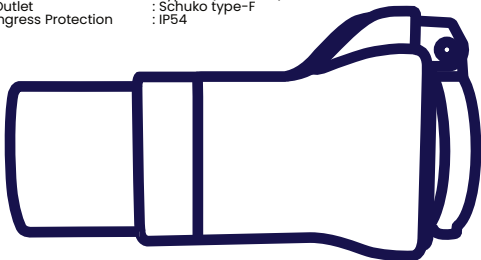




Specifications

Rated Voltage	: ~230VAC 50/60Hz
Rated Current	: Max. 16A
Working Temperature	: -25°C ~ 50°C
Humidity	: <85% (40°C)
Altitude	: <2000m
Mechanical Life	: Up to 5000 insertions
Inlet	: Type-2 (IEC 62196)
Outlet	: Schuko type-F
Ingress Protection	: IP54



The **EVshield PowerBridge** is a Type 2 to 230 V adapter designed to safely convert a EV charging point into a standard power outlet. This enables the use of conventional electrical devices such as e-bike chargers, tools, and other low-power equipment directly from an EV charging station. The PowerBridge does not perform battery charging control. It functions solely as an interface between the EVSE and external electrical loads.

Intended Use

The device is intended for:

- Temporary conversion of a Type-2 EV charging point into a single-phase 230VAC power supply.
- Enable charging of e-bikes and similar low-power devices.
- Use only with EVSE systems supporting Mode-2 or Mode-3 operation.

The device is not intended for:

- ⚠ Continuous use, the device is designed for intermittent use only.
- ⚠ High-power loads exceeding the specified rating.
- ⚠ Use in explosive or hazardous environments.
- ⚠ Usage in wet conditions, e.g. rain, snow, etc.



Safety Instructions

The PowerBridge must be used only in dry or otherwise adequately protected environments and should not be exposed to rain or similar adverse weather conditions. It must not be opened or modified under any circumstances. Mechanical stress on the cable and connectors should be avoided, and the unit should be inspected for damage or contamination before each use. In the event of any malfunction, the device must be disconnected immediately and support should be contacted.

Usage Guidelines

Always follow the instructions to ensure the proper and safe operation of the PowerBridge.

1. Before use, verify that the charging station is operational and supports standard Mode-3 connections.
2. Connect the PowerBridge to the Type-2 socket of the charging station. Ensure the connector is fully inserted and locked.
3. Once connected, the charging station will initiate communication. After successful pairing, the PowerBridge will energize the output socket.
4. Connect your device to the PowerBridge only after the output is activated.
5. Do not exceed the maximum rated current of the PowerBridge. Overloading may result in automatic shutdown or damage to the devices.
6. Always use properly rated and undamaged cables. The use of extension cords or power strips is prohibited.
7. Disconnect any attached devices before removing the PowerBridge from the charging station.



Disclaimer

This guide is provided for reference purposes only. EVshield does not offer advice, instructions, or recommendations regarding electrical installations and cannot be held liable for incorrect installation of the EVshield PowerBridge or any associated components. Always follow the instructions provided by the charger manufacturer and ensure that installation is performed by a certified installer in accordance with local safety regulations.