



V2L (VEHICLE-TO-LOAD) ADAPTER USER MANUAL

**For V2L-Capable
Vehicles**



A V2L (Vehicle-to-Load) adapter lets you use the high-capacity energy stored in your electric vehicle to charge or power a variety of devices such as e-bikes, electric camping equipment or household appliances. This function keeps working even when the vehicle is switched off. A V2L adapter is required to use this system.

The V2L adapter turns your electric vehicle into a portable power source for a variety of electrical devices and equipment. However, care must be taken during use.

V2L Adapter Features

Input/Output Voltage: 230 V / 50 Hz

Maximum Power Consumption: 3.6 kW (16 A)

Protection: Equipped with a safety system that prevents overloading.

Applications: Used to transfer the high-capacity battery power of electric vehicles to electrical devices, equipment or other electric vehicles, to charge and operate them, and to turn electric vehicles into a high-capacity mobile power source.

Caution: Never connect the V2L adapter to the mains grid (home or workplace electrical installation). V2L is not a stationary battery system. It is a power transfer cable used to deliver the high-capacity battery power of electric vehicles as electrical energy.

Safety and Usage Warnings

1- **Electrical Hazards:** The electricity supplied by the 2-pin socket of the V2L adapter carries the same safety risks as the standard electrical sockets in your home.

2- **Do Not Use with Wet Hands:** Never touch the adapter or the charging port with wet hands.

3- **Contact with Water:** Do not allow the adapter to come into contact with water (rain, spilled liquids, etc.).

4- **Do Not Use Metal Objects:** Do not insert metal objects into the connection points of the adapter.

5- **Do Not Disassemble:** Do not attempt to disassemble the adapter; this may cause electric shock or fire.

6- **Connection Condition:** Do not use the adapter if any connections are loose.

7- **Do Not Leave Unattended:** Never leave devices unattended while the adapter is connected.

How to Use the V2L Adapter

- 1- Open the charging port cover of your electric vehicle.
- 2- Plug the V2L adapter into the charging port and check the indicator lights of the vehicle.
- 3- Press the "On" button on the adapter.
- 4- Plug your electrical device into the socket on the adapter and start using it.
- 5- When you have finished, press the power button on the adapter to switch it off.
- 6- Remove the adapter and close the charging port cover.

Technical Specifications	
Vehicle-Side Connector Type	Type 2
Socket Output Type	Household 220 V socket outlet
Maximum Current	Up to 16 A
Input Protection Rating	IP54 (moisture resistant)
Output Protection Rating	IP54 rubber multi-socket with cover
Operating Temperature Range	-40°C to +50°C
UV Protection	YES
Cable Cross-Section	TS EN 50525-2-11 6mm
Dimensions (Max / Length)	300 cm excluding connector and socket
Weight	1220 g
Conformity	CE
Warranty Period	24 Months (2 Years)

Warranty and Conditions

The manufacturer will repair or replace products found to be defective within the 24-month warranty period, provided the following conditions are met:

- 1- The product must not have been modified.
- 2- It must have been used in accordance with the user manual.

Not Covered by Warranty:

- 1- Damage resulting from misuse, negligence, natural disasters or improper transport.
- 2- Accidental or intentional damage.

All shipping costs shall be borne by the buyer.

This manual applies to all electric vehicles that support V2L. For details specific to your electric vehicle model, please refer to the technical documentation of the manufacturer.

Bemis Teknik Elektrik A.Ş.

Bursa Organize San. Böl. Yeşil Cad. No:19 Nilüfer / Bursa / TÜRKİYE

Tel.: +90 224 363 30 65 **E-mail:** info@bemis.com.tr

www.bemis.com.tr