

Datasheet

EVC Wall Box Charger

EVC Wall Box Charger allows to charge your electric vehicle both 3.6 kW and 22 kW AC power from standard 230 V socket and 400 V AC. It enables to Vehicle to Grid (V2G) system.

Key Features :

- Stylish ergonomic design
- Easy and User-Handy Charging
- Robust IP54 ingress protection
- Wide Application Range
- Vehicle to Grid (V2G)
- Dynamic Load Management
- IEC 62196 standard compliance



Applications



Residential



Parking



30 mins. for approx.
-20 km driving range



Fast installation - small footprint, easy to
fit in existing and available space.



Professionally installed and
expertly maintained,

The logo for EVC, featuring the letters 'EVC' in a stylized font. The 'E' and 'V' are green, and the 'C' is blue. The logo is set against a white circular background.

www.inkoel.az

Technical Parameters

| Model | | EVC Box 1 | EVC Home Box 2 |
|---------------------|-------------------------------------|---|----------------|
| Power Input | Power | 3.6 -11 kW | 7.2 - 22kW |
| | Voltage | 230, 400 ±10% V AC, 50 Hz | |
| | Current | 16 A | 32 A |
| Charging Properties | Mode | 3 | |
| | Type | Case C | |
| | Length of Charging Cable | 4 m (5m optional) | |
| Protection | Internal Residual Current Detection | 30 mA RCD per IEC 61851-1 | |
| | Electrical Protection | Over Current, Short Circuit, Over Voltage | |
| User Interface | Status Indicators | RGB Led | |
| | User Authentication | RFID | |
| Communication | Network interface | Ethernet, Modbus RTU | |
| | Wireless | Cellular GSM (optional) | |
| Environmental | Operating Temperature | -30 °C to +50 °C | |
| | Humidity | 95% relative humidity, non-condensing | |
| Smart Functionality | Vehicle to Grid | optional | |
| | Dynamic Load Management | optional | |
| Mechanical | Ingress Protection | IP54 | |
| | Mounting Type | Wall-Mount | Wall-Mount |
| | Housing Material | Plastic | |
| | Dimension (W x H x D) | 300 x 200 x 130 mm | |
| | Net Weight | 3 kg | 5 kg |
| Regulation | Standards | EN 50470, IEC 61851-1, IEC 62196-2, IEC 61643-11, IEC60271/-1/-2/-3 | |

