# Electric Car Accessory

Model: **AK-EC-14**

| | |
|---|---|
| Product code | AK-EC-14 |
| Product type | Electric Car Accessory |
| Hole for padlock | No |
| Supply voltage | 110-250 V / 50/60 Hz |
| Number of phases | 1 phase |
| Maximum current | 32 A |
| Maximum power | 7.2 kW |
| Ground wire | Yes |
| Flame resistance | UL94V-0 |
| IP Rating | IP54 |
| OVP | Yes |
| OCP | Yes |
| OPP | Yes |
| OTP | Yes |
| SCP | Yes |
| Cable length | 5 m |
| The cable plug #1 | IEC 60309 3-pin |
| The cable plug #2 | Type 2 (IEC 62196-2) Female Connector |
| Cable material | Copper |
| Wire gauge | 3 x 6 mm2 + 2 x 0.75 mm2 |
| Isolation material | TPE |
| Material | ABS |
| Product color | Blue |
| Display | Yes |
| MTBF | 10000 h |
| Temperature | -30 / +50 °C |
| Package | Protective bag |
| Product size (L x W x H) | 5000 x 150 x 85 mm |
| Package size (L x W x H) | 380 x 380 x 100 mm |
| Net weight | 2.8 kg |
| Gross weight | 3.15 kg |
| CE compatibility | Yes |
| FCC compatibility | Yes |
| RoHS compatibility | Yes |
| REACH compatibility | Yes |
| Included accessories | AK-AC-02 |
| EAN code | 5901720136848 |
| Warranty | 24 months |

# Description

**Akyga® AK-EC-14** is a single-phase **charger for electric cars** with increased charging power. The high-quality **IEC 60309** connector will allow you to power your vehicle with **32 A**, which gives up to **7.2 kW** of power. This way you can quickly charge your electric car, even if you do not have a three-phase electrical installation. What's more, the charger allows you to adjust the current according to your needs and the capabilities of your electrical installation. Five current values are available: **6**, **10**, **16**, **20** and **32 A**. This way you can be sure that the internal charger of your electric car will not draw more power than your installation can handle.
The AK-EC-14 charger has a **5 m cable** on which the practical **ControlBox** with integrated **LCD display** is located. Thanks to it, it is possible to **regulate charging power**, set a **charging time limit** and **present basic parameters** such as: charging current and power, mains voltage, total energy consumed by the device, charger temperature and charging time.
**The type 2 plug (IEC 62196-2)** used in the charger, fits most cars manufactured for the European market. These include, among others: Audi A3 e-Tron, BMW i3, BMW i8, Chevrolet Spark, Mercedes B-Class E-Celi, Mercedes S500 PHEV, Mercedes SLS EV, Mercedes Vito E-Cell Van, Porsche Panamera S PHEV, Volkswagen e-Up, Volkswagen e- Golf, Volvo V60 PHEV.
To take full advantage of the charger's capabilities, a 32 A electrical installation and properly selected fuses are required.