



## Electric Car Accessory

Model: AK-EC-14



Product code	AK-EC-14
Responsible Entity	Akyga Europe Sp. z o.o., 52-200 Suchy Dwór, Wrocławska 1c, Polska/Poland, contact@akyga.com
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	CEE 5pin (IEC 60309)
The cable plug #2	Type 2 (IEC 62196-2) Female Connector
Cable material	Copper
Wire gauge	3 x 6 mm <sup>2</sup> + 1 x 0.5 mm <sup>2</sup>
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 **CEE 5pin (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. 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.