



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	Type2
Cable material	Copper
Wire gauge	3 x 6 mm ² + 2 x 0.75 mm ²
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.