



## Electric Car Accessory

Model: **AK-EC-07**



Product code	AK-EC-07
Product type	Electric Car Accessory
Hole for padlock	No
Supply voltage	110-250 V / 50/60 Hz
Number of phases	1 phase
Maximum current	16 A
Maximum power	3.8 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 7/7
The cable plug #2	Type2
Wire gauge	3 x 2.5 mm <sup>2</sup> + 2 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	1.95 kg
Gross weight	2.3 kg
CE compatibility	Yes
FCC compatibility	Yes
RoHS compatibility	Yes
REACH compatibility	Yes
Included accessories	AK-AC-02
EAN code	5901720136046
Warranty	24 months



## Description

**Akyga AK-EC-07 single-phase charger** is used to charge electric vehicles equipped with **IEC 62196-2 Type 2 charging socket**, commonly known as Mennekes. This type has been officially approved by the European Union as the charging standard. Therefore, the vast majority of electric cars from the European distribution have this type of socket.

**The Schuko CEE 7/7 plug** gives you independence in the face of the still underdeveloped charging infrastructure for electric vehicles. You can recharge your car at home without restrictions using the electrical socket in your garage. In addition, a long **5 m cable** will provide convenient charging of your vehicle, allowing you to easily reach the contact.

The charger is equipped with a practical **ControlBox**. It indicates the operating status of the device and displays current charging parameters on **the LCD screen**, such as: charging current and power, mains voltage, total energy consumed by the device, charger temperature and charging time. In addition, the product allows you to select the current intensity from the values: **8 A, 10 A, 12 A and 16 A**, which is done with the buttons. At the same time, the charger guarantees a stable connection during charging, with a power output of up to **3.8 kW**, thanks to the high quality wires.

In addition, the charger has been **designed to withstand the harsh conditions** specified by **the IP54 protection class**. The materials used are extremely durable and robust. Therefore, it is not terribly dirty or splashed. In addition, the plug is protected by a plug that protects the contacts from flooding or accidental damage.

The protection is complemented by such protections as OVP, OCP, OPP, OTP, SCP. They create the necessary protection of both the power supply and the charged device. They protect, among other things, against too high a current and voltage, as well as against overheating of the charger itself and the vehicle battery.

The set includes an **elegant bag** for easy storage and transport of the charger.

The product is suitable for charging electric car batteries such as those of electric cars: Audi A3 e-Tron, BMW i3, BMW i8, Chevrolet Spark, Mercedes B Class E-Celli, Mercedes S500 PHEV, Mercedes SLS EV, Mercedes Vito E-Cell Van, Porsche Panamera S PHEV, Volkswagen e-Up, Volkswagen e- Golf, Volvo V60 PHEV.