Electric Car Accessory

Model: **AK-EC-12**

Product code	AK-EC-12
Product type	Electric Car Accessory
Hole for padlock	No
Supply voltage	240-450 V / 50/60 Hz
Number of phases	3 phase
Maximum current	16 A
Maximum power	11 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	5 x 2.5 mm2 + 2 x 0.5 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	3.05 kg
Gross weight	3.4 kg
CE compatibility	Yes
FCC compatibility	Yes
RoHS compatibility	Yes
REACH compatibility	Yes
Included accessories	AK-AC-02
EAN code	5901720136831
Warranty	24 months

Description

Akyga® AK-EC-12 is a **three-phase charger** for electric vehicles. The long **5 m cable** ends with two plugs. The first one has a **Type 2 connector**, recognized as a car charging standard in Europe, the second is equipped with a **CEE 5-pin connector**, which allows for **charging at 400V**. The high quality of the cables used guarantees a stable connection during charging with the power of up to **11 kW**. Therefore, you will charge your electrician quickly and without restrictions at home using a power outlet in the garage.
The AK-EC-12 charger is basically a **portable EVSE charging station**. It has the most important functionalities found in wallbox type stations. These are protections (OVP, OCP, OPP, OTP, SCP), which protect against, among others, too high current and voltage, as well as overheating of the charger and the vehicle battery. What's more, the charger has built-in special **Type B RCD protection**, which ensures a high level of safety. It protects against DC current leakage from the battery, effectively detecting and preventing dangerous current flows. Additionally, it is also possible to **adjust the charging current** using a button located on the control panel called ControlBox. It allows you to select the current from: **6**, **8**, **10**, **13** and **16 A**, as well as setting the charging time limit from 1 to 10 hours. Furthermore, the ControlBox has a built-in **LCD screen**. It displays current charging parameters, such as: charging current and power, mains voltage, total energy consumed by the device, charger temperature and charging time.
The product will prove useful in charging batteries of electric cars such as: Audi A3 e-Tron, BMW i3, BMW i8, Chevrolet Spark, Mercedes B Klasa 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.