Electric Car Accessory

Model: **AK-EC-15**

Product code	AK-EC-15
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
The cable plug #2	Type 1 (J1772) 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	5901720136855
Warranty	24 months

Description

Akyga® AK-EC-15 charger was created for electric cars imported from America. It has a standard for these cars **type 1 connector**, which is made of high strength material. Thanks to this, accidental dropping or running over will not end up with the need to buy a new charger. What is more, the long **5 m cable** has been fitted with a special **ControlBox**. It is used to **adjust the current** and **observe the current charging parameters**. The built-in **LED screen** displays: charging current and power, mains voltage, energy consumed by the device, charger temperature and charging time. Below this are buttons for selecting the amperage and setting the **charging time limit**. Five amperage values are available: **6**, **10**, **16**, **20** and **32 A**. This way you can be sure that your electric car's internal charger will not draw more power than your installation can handle.
The **IEC 60309 plug** used for the charger is designed for 32 A, which gives up to **7.2 kW** of power. To be able to use the charger to its full potential, therefore, a robust electrical installation and suitable protection are required.
The product will prove useful in charging batteries of electric cars such as: Nissan Leaf, Nissan NV200 SE VAN, Citroen C-Zero, Fisker Karma, Ford Focus Electric, Ford C-Max Energi, Peugeot iOn, Peugeot Galicia, Opel Ampera, Chevrolet Volt, Smiths Edison VAN, Smiths Newton, Tata Indica Vista EV, Toyota Prius, Mistubishi I-Miev, Mitsubishi Outlander PHEV, Mia Electric Van, Mia Electric Car, Kia Soul.