Electric Car Accessory

Model: **AK-EC-18**

Product code	AK-EC-18
Product type	Electric Car Accessory
Hole for padlock	Yes
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	Type 1 (J1772) Female Connector
Plated plugs	Silver
Cable material	Copper
Wire gauge	3 x 2.5 mm2 + 1 x 0.5 mm2
Isolation material	TPE
Material	ABS
Product color	Blue
Display	Yes
MTBF	10000 h
Temperature	-30 / +50 °C
Package	EcoBox
Product size (L x W x H)	390 x 390 x 90 mm
Package size (L x W x H)	430 x 400 x 100 mm
Net weight	1.74 kg
Gross weight	2.36 kg
CE compatibility	Yes
FCC compatibility	Yes
RoHS compatibility	Yes
REACH compatibility	Yes
Included accessories	Protective bag
EAN code	5901720139443
Warranty	24 months

Desctription

The Akyga® AK-EC-18 is a single-phase **electric car charger**. It allows for charging vehicles with a **Type1 connector** using a standard household electrical socket. **The EV charger** is equipped with a **Schuko plug** (CEE 7/7). This standard is used in most European countries, making the charger a practical and universal solution for users of older EVs or those imported from overseas.
What's more, the AK-EC-18 electric car charger has a **5-metre cable**. It provides ample flexibility when connecting the vehicle for charging. Combined with the charger's compact design, this device is the ideal support for electric car owners.
At the heart of the charger is the easy-to-use **ControlBox**, which monitors and displays current charging parameters on an **LCD display**. A This includes data such as the charging current, voltage, power, energy consumed, charger temperature, and charging time. Furthermore, the user can adjust the charging power by selecting one of the available current values **(8 A, 10 A, 13 A, 16 A)**, with the maximum charging power reaching 3.8 kW.
The charger is also equipped with **comprehensive protections** (OVP, OCP, OPP, OTP, SCP), protecting both the device and the car battery from damage. In addition, there is a handle on the housing, which allows the charger to be hung up practically, for example in the garage.