Electric Car Accessory

Model: **AK-EC-19**

Product code	AK-EC-19
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	Type 2 (IEC 62196-2) Female Connector
Plated plugs	Silver
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	1.8 kg
Gross weight	2.42 kg
CE compatibility	Yes
FCC compatibility	Yes
RoHS compatibility	Yes
REACH compatibility	Yes
Included accessories	Protective bag
EAN code	5901720139450
Warranty	24 months

Desctription

The Akyga® AK-EC-19 electric car charger is a high-quality device designed for charging electric vehicles, compatible with the IEC 62196-2 **Type 2 socket**, also known as Mennekes. This standard has been adopted by the European Union, making it the most popular EV connector available on the European market.
The EVSE AK-EC-19 portable charger is equipped with a **Schuko plug** (CEE 7/7), giving the EV user complete independence, allowing the vehicle to be charged at home. Convenience of use is also increased by the **5-metre cable**, which makes it easy to connect the vehicle to power.
At the central point of the charger is the **ControlBox**. It informs about the charging status and displays key parameters on an **LCD screen**, including charging current, voltage, energy consumed, charger temperature and charging time. The device offers **selectable charging currents** of 8 A, 10 A, 13 A and 16 A, giving control over the power at which the vehicle will be charged. This makes it possible to adapt the charging parameters to the capabilities of the electrical grid and the vehicle.
The AK-EC-19 charger is designed for reliable operation in harsh environments, as confirmed by its **IP54 rating**. Its solid construction ensures resistance to contaminants and moisture, which is crucial for the safety and durability of the device.
Integrated protections such as OVP, OCP, OPP, OTP and SCP provide comprehensive protection for the charger and the charged EV, preventing excessive current, voltage, power overload, overheating and short circuit. **The elegant bag** included in the set is a practical addition that facilitates the storage and transport of the charger, which is significant for users who value mobility and convenience.