



Electric Car Accessory

Model: **AK-EC-20**



Product code	AK-EC-20
Responsible Entity	Akyga Europe Sp. z o.o., 52-200 Suchy Dwór, Wrocławska 1c, Polska/Poland, contact@akyga.com
Product type	Electric Car Accessory
Hole for padlock	No
Supply voltage	110-250 V / 50/60 Hz
Number of phases	1 phase
Maximum current	13 A
Maximum power	3 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	Type G
The cable plug #2	Type 2 (IEC 62196-2) Female Connector
Plated plugs	Silver
Cable material	Copper
Wire gauge	3 x 2.5 mm ² + 1 x 0.5 mm ²
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	1.82 kg
Gross weight	2.4 kg
CE compatibility	Yes
FCC compatibility	Yes
RoHS compatibility	Yes
REACH compatibility	Yes
Included accessories	Protective bag
EAN code	5901720139467



Description

The Akyga® AK-EC-20 is a UK electric car charger, designed for vehicles located in the UK and Ireland. It is equipped with a **BS 1363 (G) plug**, also known as the British plug, making it fully compatible with the electrical systems in these countries.

The AK-EC-20 EV charger features the popular **IEC 62196-2 Type 2 connector**, commonly known as Mennekes. This is the most widely used EV charging standard on the European market. As a result, it is compatible with almost every available electric vehicle. In addition, the comfort of use is ensured by the **5-metre cable**, which allows easy connection to a power source.

The heart of the charger is the **ControlBox**, which provides information about the current charging status and shows important data on the **LCD display**, such as charging current, voltage, energy consumption, device temperature and charging time. The device **provides adjustable charging current**, with options to choose from 8 A, 10 A and 13 A, enabling customization to the electrical installation's capabilities and the vehicle's specifications.

The AK-EC-20 charger is designed for efficient operation even in challenging conditions, as confirmed by its **IP54 rating**. Its robust construction ensures protection against contaminants and moisture, which is crucial for safety and long-term use.

Built-in protection systems such as OVP, OCP, OPP, OTP, and SCP offer comprehensive protection for both the charger and the charged vehicle, safeguarding against excessive current, voltage, power overload, overheating, and short-circuiting. An elegant bag included in the set also facilitates the charger's transport and storage, valued by users who prioritize mobility and convenience.