



Electric Car Accessory

Model: **AK-EC-23**



Product code	AK-EC-23
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	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	GB/T (20234.2-2015) Male Connector
Plated plugs	Silver
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
Package size (L x W x H)	430 x 400 x 65 mm
Net weight	2 kg
Gross weight	2.3 kg
CE compatibility	Yes
FCC compatibility	Yes
RoHS compatibility	Yes
REACH compatibility	Yes
Included accessories	Protective bag
EAN code	5906708750900
Warranty	24 months



Over Voltage
Protection



Over Current
Protection



Over Power
Protection



Over Temperature
Protection



Short Circuit
Protection



Description

Akyga® AK-EC-23 is a single-phase charger for electric cars. It is equipped with a special **GB/T connector**, found in **vehicles imported from China**, which are not compatible with the European standard (Type 2). It allows you to safely and conveniently charge your car with alternating current (AC) without the need for adapters or modifications to the vehicle's electrical system.

Efficient charging of electric vehicles from any socket

The AK-EC-23 **GB/T charger** provides **3.8 kW of power at 16 A**, enabling the fastest possible charging within the limits of a single-phase 230 V socket. What's more, the **5-metre cable** provides freedom of connection even when the car is further away from the power source.

At the other end of the GB/T charger is a **CEE 7/7 plug**. This connector allows you to **charge your car from any 230 V mains socket** – both with a grounding pin and with grounding in the side contacts. This is a practical home solution that allows you to charge your vehicle in your own garage or driveway – without having to use public charging stations. It is ideal for people who value independence and the convenience of charging their car on their own every day.

Adjustable charging current

In addition, the GBT charger allows **manual adjustment of the charging current** between 8 A, 10 A, 13 A and 16 A, adapting the charging power to the electrical installation or situation.

Clear information via LCD display

The built-in **LCD screen** provides real-time data on the charging process – device temperature, current, charging time, voltage, energy consumption and connection status. This gives the user full control over the charging process of their electric vehicle in real time.

Safety features you can rely on

Built-in **safety features** play a key role in ensuring safe use. These include surge, overcurrent and thermal protection. The device will automatically interrupt the charging process if it detects any irregularities, protecting both the charger and the vehicle.

Suitable for outdoor use

The AK-EC-23 charger connector complies with the GB/T standard and meets the **IP54 rating**, which means it is resistant to dust and water splashes. This allows the charger to be used safely outdoors, e.g. in a car park, under a carport or at home in a garage. The durable design is suitable for everyday use regardless of weather conditions.