



Electric Car Accessory

Model: AK-EC-24



Product code	AK-EC-24
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	240-450 V / 50/60 Hz
Number of phases	3 phase
Maximum current	32 A
Maximum power	22 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 5pin (IEC 60309)
The cable plug #2	GB/T (20234.2-2015) Male Connector
Cable material	Copper
Wire gauge	5 x 6 mm ² + 2 x 0.5 mm ²
Isolation material	TPE
Material	ABS
Product color	Blue
Display	Yes
MTBF	10000 h
Temperature	-30 / +50 °C
Package	Protective bag
Package size (L x W x H)	430 x 400 x 100 mm
Net weight	3.7 kg
Gross weight	4.1 kg
CE compatibility	Yes
FCC compatibility	Yes
RoHS compatibility	Yes
REACH compatibility	Yes
Included accessories	AK-AC-02
EAN code	5906708750917
Warranty	24 months



Over Voltage Protection



Over Current Protection



Over Power Protection



Over Temperature Protection



Short Circuit Protection



Description

Akyga® AK-EC-24 is a three-phase GB/T charger designed for electric vehicles imported from China. This professional solution eliminates the compatibility issue between the GB/T standard and European charging stations. The adapter enables **fast charging at home** — without the need to use public charging stations. With this adapter, owners of electric vehicles from BYD, NIO, Xpeng and SAIC can fully utilise charging networks across Poland and Europe.

An alternative way to charge Chinese electric vehicles

The AK-EC-24 GB/T charger has a three-phase **CEE 5-pin plug** (400 V), which allows charging at **up to 22 kW** — much faster than single-phase solutions. This makes it ideal for use in a home garage. It is a practical and cost-effective option for any GB/T standard vehicle that needs a reliable power source on a daily basis.

Adjustable charging current - full control over power

The AK-EC-24 allows manual **adjustment of the charging current**, offering five selectable levels: **8 A, 10 A, 13 A, 16 A and 32 A**. This gives users the flexibility to match the charging power to their electrical installation or temporary conditions – for example, reducing the load on a domestic circuit. This feature is essential for enhanced safety and comfort, especially when charging in different locations.

A practical replacement for a lost or damaged GB/T charger

The AK-EC-24 model is also an ideal replacement when the original charger is lost or damaged. Its robust design, reliable connectors and full compatibility with Chinese electric cars BYD, NIO, Xpeng and SAIC manufactured for the Chinese market mean that the adapter can safely and effectively replace the factory device — with no compromise in quality or performance.

Advanced safety protocols

The built-in **LCD display** allows you to monitor operating parameters in real time – voltage, current, energy consumption and charging time. Built-in safety features (surge, overload and thermal protection) protect both the vehicle and the user, ensuring safety throughout the charging process.

Ready for use in various conditions

The 5-metre cable allows you to connect your vehicle even in less convenient locations. The **IP54-rated** housing is resistant to external factors and allows you to use the charger even in slightly more difficult weather conditions, e.g. in open shelters or under a roof.