



## Short description of the product

The Akyga AK-EC-16 cable is used to charge electric vehicles at charging stations equipped with a Type 2 socket. The cable is compatible with all models of vehicles powered between 240-450 V / 32 A and Type 2 plug. The maximum charging power of the vehicle is 22 kW.

The product is compatible with the applicable national and European requirements.

## What is in the box?

- AK-EC-16 electric car cable
- Storage Bag

## Symbols explanation:



There is a particular danger connected with service.



There is a risk of losing health or life (e.g. by electric shock).



Important tips and information.



The CE standard description on the product is the manufacturer's declaration that the marked product meets the requirements of the directive so-called The "New Approach" of the European Union (EU). For security and certification (CE) reasons, the device can not be rebuild or change in any way. In the reason of using the cable for other purposes than those described, the product may be damaged. The incorrect use may also cause hazard such as short-circuits, burns, electric shocks, etc. Read the users manual carefully and keep it for later use. The product could be share to third partie only with the user manual included.



Product accordance with the EU directive 2002/96/EC. The symbol of the crossed out basket placed on the product means that the marked product can not be disposed of with other household waste. After use, the product must be return to collection point for used electrical and electronic equipment or to the seller. Appropriate segregation of rubbish for subsequent processing, recovery or descruption contributes to avoiding negative effects on the environment and health, and also allows the recovery of raw materials from which the product is made.



The RoHS mark on the product is the manufacturer's declaration that the marked product meets the requirements of the EU Restriction of Hazardous Substances (2002/95/EC) directive, which aims to reduce the amount of hazardous substances penetrating into the environment from electrical and electronic waste.



The II protection class device. It provides protection against electric shock against direct and indirect contact, and thanks to the additional isolation it is not necessary to connect the device case with the protective earth conductor.

## Safety Precautions



**The manufacturer of the product is not responsible for damage or insults caused in effect of disobey the safety instructions and informations contained in these user manual.**



- Keep the product and the packaging out of range of children and animals. The package includes a foil that child could choke while playing.
- It is forbidden to apply the mechanical load to the product - strong shocks, impacts, dropping or crushing may cause its damage.
- The product operation in adverse conditions is not allowed. Adverse conditions are primarily: exposure to direct sunlight, high or very low ambient temperatures, strong vibrations, high humidity, surrounds of gases, dusts or flammable and aggressive liquids.
- If the product has been damaged, does not work properly or has been stored for a long period of time in bad or unfavorable conditions, safe operation of the device is not possible. It is essential to stop using the product and to protect it against re-use for security purposes.
- It is forbidden to insert wet plugs into electrical outlet and the vehicle charging port.
- If it rains during charging - do not let water get into the power socket and car charging port. If the plugs got wet - disconnect the mains fuse before pulling them out of the sockets.
- Product and power cord should not be touched with moist or wet hands under no circumstances.
- Short-circuiting the current connection is prohibited.
- It is forbidden to connect the cable to damaged sockets and plugs.
- Make sure that the power cord is not crushed, bent, twisted, rubbed against sharp edges or mechanically loaded in any other way. Avoid thermal load of the cable - in particular keep away from heat sources (such as stoves, radiators, fireplaces).
- It is forbidden to put fingers or objects in the plug.
- Store the EV cable freely so that the cord does not break.
- The product is intended for private use only. Before using the public charging station, read its regulations.
- Make sure that the cable is compatible with your vehicle model.
- Power cord should be laid in such a way as to eliminate the risk of stumbling or hooking over.
- Its forbidden to modify the product plugs and cord. In the case of modifications, the product may be damaged, causing threats to life, health and property.
- Take into account the user's manuals for other devices connected to the product.
- Cable should be disconnected from vehicle's socket and power source if the product is not in use for a long time.
- When disconnecting the cable from the power source and from the device, do not pull on the cord, but only on the part of the plug provided for this purpose.
- In case of any doubts regarding operation, safety or connection of the product, please contact the manufacturer or a qualified specialist for this purpose.
- All maintenance, adjustment and repair work on the product may only be carried out by a qualified person in a specialist facility.

## Cleaning the EV cable



Disconnect the EV cable from the electrical socket and connected devices before cleaning.



- Use soft and antistatic cloth for cleaning the cable.
- Do not use abrasive or chemical cleaners.

## Removing the most common problems

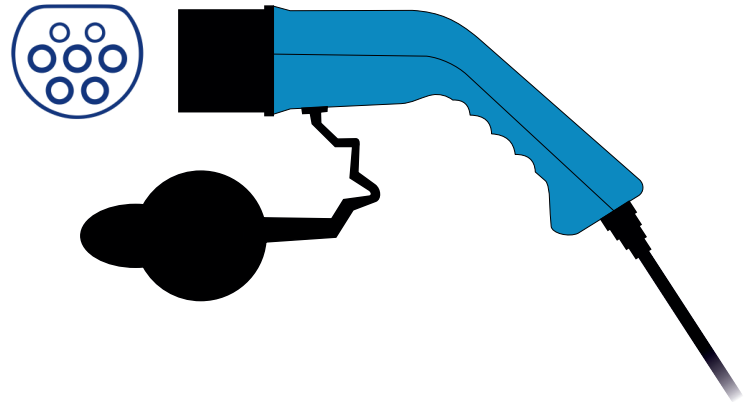
Problem	Cause	Solution
The cable does not work	No voltage	<ul style="list-style-type: none"> <li>• Check the correct connection of the cable to the power source</li> </ul>
	Problem with the plug	<ul style="list-style-type: none"> <li>• Check if EV cable is properly connected to the vehicle and power source</li> </ul>
	There is a suspicion of a product defect	<ul style="list-style-type: none"> <li>• Stop using and contact the seller</li> </ul>
Vehicle does not charge	Vehicle does not prepare to charging properly	<ul style="list-style-type: none"> <li>• Make sure that the another charger is not connected to car's second charging port</li> <li>• Read the vehicle manual</li> </ul>
	Problem with the plug	<ul style="list-style-type: none"> <li>• Check if the plug is connected correctly</li> </ul>
	There is a suspicion of a product defect	<ul style="list-style-type: none"> <li>• Stop using and contact the seller</li> </ul>

## How to use

1. Prepare the vehicle for charging in accordance with the user manual.
2. Check that the product is not damaged.
3. Make sure the product has the right type of plug for your vehicle.
4. Check that the vehicle's and power source's socket are not damaged.
5. Pull the protective cap off the plug.
6. Connect the cable to the power source with a Type 2 plug.
7. Connect the Type 2 plug to the charging port of the vehicle.
8. After charging, disconnect the product from the power source and car's charging port by pressing the button that releases the clip and put the protective cap on.

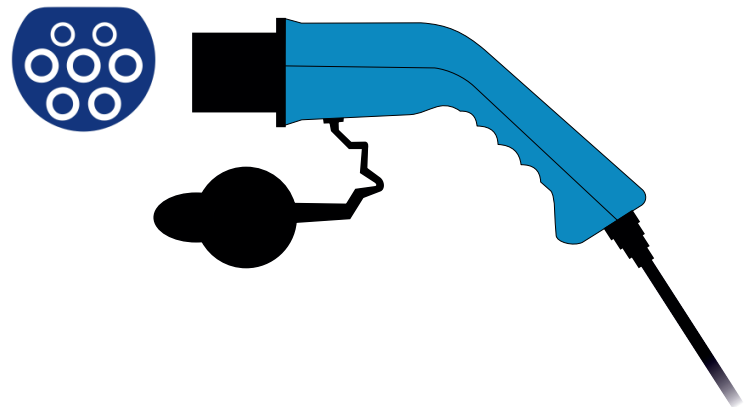
## Female Type 2 connector

The Type 2 connector plugs into the vehicle's charging socket. It is characterised by seven protruding sleeves.



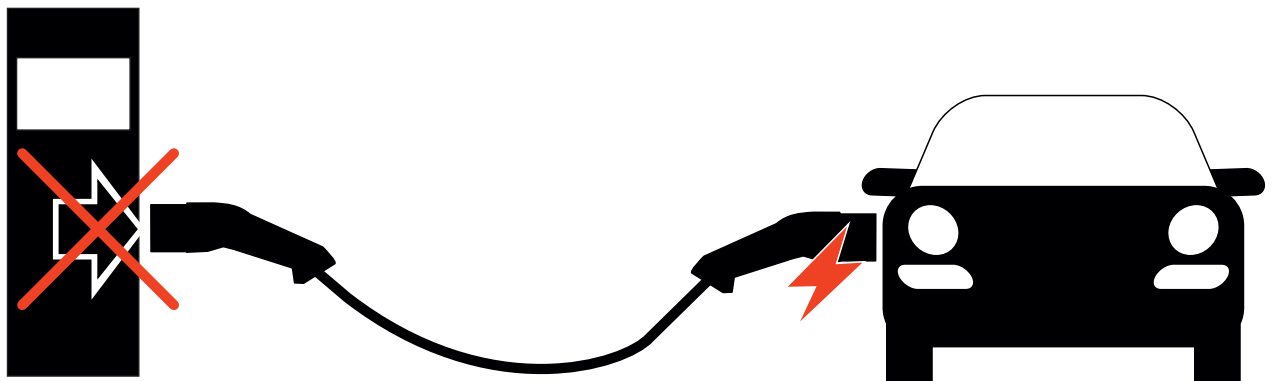
## Male Type 2 connector

The Type 2 socket plug should be connected to a power source with a connector of the same type. The Type 2 socket outlet has seven holes.




Do not disconnect the plug while charging

EV cable



## Technical specification

	Product code:	<b>AK-EC-16</b>
	Supply voltage:	<b>240 - 450 V, 50/60 Hz</b>
	Maximum amperage:	<b>32 A</b>
	Maximum power:	<b>22 kW</b>
	Temperature:	<b>-30 - 50 °C</b>
	Material:	<b>Thermoplastic</b>
	Isolation material:	<b>TPE</b>
	IP Rating:	<b>IP44</b>
	Flame resistance:	<b>UL94V-0</b>
	Cable length:	<b>6 m</b>
	Power inlet:	<b>IEC 62196-2 Type 2</b>
	Output connector:	<b>IEC 62196-2 Type 2</b>
	MTBF:	<b>10000 times</b>
	Compliance with standards:	<b>CE, FCC, RoHS</b>
	REACH compatibility:	<b>Yes</b>
	EAN code:	<b>5901720137654</b>