



Electric Car Accessory

Model: **AK-SC-E31**



Product code	AK-SC-E31
Responsible Entity	Akyga Europe Sp. z o.o., 52-200 Suchy Dwór, Wrocławska 1c, Polska/Poland, contact@akyga.com
Product type	Electric Car Accessory
Supply voltage	AC: 450 / 750 V
Number of phases	1 phase
Flame resistance	UL94V-0
Cable length	5 m
Cable material	Copper
Wire gauge	3G6mm ² + 2x0.75 mm ²
Isolation material	TPE
Product color	Black
Temperature	-40 / +125 °C
CE compatibility	Yes
RoHS compatibility	Yes
REACH compatibility	Yes
EAN code	5906708751013
Warranty	24 months



Description

Akyga® AK-SC-E31 is a robust and reliable **5m electric vehicle charging cable** designed for home, commercial and service applications. The cable design has been optimised for single-phase electric vehicle charging, offering stable operation, high performance and safety of use.

What makes the AK-SC-E31 electric vehicle charging cable stand out?

- **Durable construction and proven materials**

The AK-SC-E31 **EV cable** is made of high-quality copper wire with a **cross-section of $3 \times 6 \text{ mm}^2 + 2 \times 0.75 \text{ mm}^2$** , which allows for efficient energy transfer at currents up to 32 A. What is more, the flexible and non-toxic TPE insulation protects the cable from mechanical damage, abrasion and external factors such as low and high temperatures.

- **Communication and versatility**

The EV cable has a **5-wire design**, including communication wires that enable the correct **data transmission** necessary for communication between the charging station and the electric vehicle. However, the lack of factory-fitted terminals allows you to match the appropriate connectors to a specific charger, wallbox or car model, making the cable an extremely flexible solution.

- **Convenient 5-metre length**

The **5 m length of the cable** ensures comfortable connection of the vehicle to the charging point without the need for precise parking. The cable is suitable for use in private garages, car parks and semi-public installations, offering a practical combination of functionality and freedom of use.

- **Single-phase 32 A charging**

Support for single-phase charging with a **current of up to 32 A** enables fast charging of electric vehicle batteries with a power of up to 8 kW. The electrical parameters of the cable comply with the standards used in modern EV installations, making the cable compatible with wallboxes and Type 2 AC charging systems.

Who is the AK-SC-E31 cable intended for?

Akyga® AK-SC-E31 is an excellent choice for users looking for a reliable charging cable for home and professional use. The product is suitable both as part of a new installation and as a replacement charging cable in the event of damage to an existing Type 2 or Type 1 cable. The ability to select the connectors yourself allows you to perfectly match the cable to a specific electric car or charging station.