



Car converter

Model: **AK-CI-01**



Product code	AK-CI-01
Product type	Car converter
Supply voltage	12 V
Output frequency	50 +/- 2 Hz
Efficiency	> 85 %
Maximum power	150 W
Maximum instantaneous power	300 W
Power consumption with no load	<0.25 A
Mechanical switch	Yes
OVP	Yes
OCP	Yes
OPP	Yes
OTP	Yes
SCP	Yes
Fan size	40 mm
Fan adjustments	Automatic
Cable length	0.6 m
The cable plug #1	French plug (pin) CEE 7/5
The cable plug #2	USB 2.1A, USB 1A
Power parameters	230V +/- 10% AC 150W max
Sine wave type	Modified sine wave
Fuse	20 A
USB connector	2 pcs
USB output voltage	5 V / 2.1 A and 5 V / 1 A
Compliance with DCP (Dedicated Charging Port)	Yes
Product color	Black
Backlight color	Red LED, green LED
MTBF	10000 h
Temperature	< 65 °C
Package	EcoBox
Product size (L x W x H)	170 x 90 x 80 mm
Package size (L x W x H)	260 x 100 x 100 mm
Net weight	464.4 g
Gross weight	614.8 g
CE compatibility	Yes
RoHS compatibility	Yes
REACH compatibility	Yes
Included accessories	20 A Fuse
EAN code	5901720132970
Warranty	24 months



Description

Akyga® AK-CI-01 car power converter with 150W power is intended for supplying electrical devices requiring 230V AC voltage from a 12V car lighter socket. The modified sine wave produced at the output (i.e. alternating voltage with a rectangular wave) allows for simple construction of the device, thus reducing its failure rate.

The converter has a socket, through which it can power an electrical device with a standard French type CEE 7/5 plug (with pin). In addition, the Akyga® AK-CI-01 inverter is equipped with two USB ports with different levels of current, making it ideal for charging a wide range of smartphones, tablets and other accessories available on the market.

The product will also be suitable for powering navigation, powerbank, tablets, bluetooth headphones, portable speakers and all other mobile devices and accessories that can be charged via the USB port.

Each of the inverter sockets has been described in order to facilitate their identification and connect devices to the sockets designated for them. The product has a manual switch that allows you to turn off all sockets without disconnecting power from the cigarette lighter. Two LEDs, located at the top of the inverter inform about the correct operation of the device or warn about any irregularities.

The circular shape of the Akyga® AK-CI-01 inverter base makes it perfectly suited for car drinks holders, while the 0.6 meter cable allows it to be freely placed and connected.

Security and certificates guarantee the safe operation of the Akyga® AK-CI-01 inverter and safe power supply for connected devices. A spare 20 A fuse is included with the equipment, which is intended to protect the electronic circuits against damage. If it is burned, the fuse can be easily replaced with a new one.