



**AC/DC adapter**

Model: **AK-CH-24**



Product code	AK-CH-24
Product type	AC/DC adapter
Series	Universal
Responsible Entity	Akyga Europe Sp. z o.o., 52-200 Suchy Dwór, Wrocławska 1c, Polska/Poland, contact@akyga.com
Supply voltage	110-240 V / 50/60 Hz
Power consumption	< 0.5 A
Maximum power	140 W
Standard	Quick Charge 3.0, Power Delivery 3.0, GaN
Mechanical switch	None
Ground wire	None (II protection class)
OVP	Yes
OCP	Yes
OTP	Yes
SCP	Yes
Power supply connector	CEE 7/16 (Europlug)
USB-A output voltage	5 V / 3 A, 9 V / 3 A, 12 V / 2.5 A (Max. 30 W)
USB-C output voltage	PD1/PD2: 5.2 V / 3 A, 9 V / 3 A, 15 V / 3 A, 20.5 V / 5 A, 28 V / 5 A (Max. 140 W), PD3: 5 V / 3 A, 9 V / 3 A, 12 V / 2.5 A, 15 V / 2 A, 20 V / 1.5 A (Max. 30 W)
Compliance with DCP (Dedicated Charging Port)	Yes
Material	ABS
Product color	White
Display	None
MTBF	100000 h
Temperature	5 - 50 °C
Package	EcoBox
Product size (L x W x H)	121 x 70 x 35 mm
Package size (L x W x H)	180 x 100 x 40 mm
Net weight	266 g
Gross weight	304 g
CE compatibility	Yes
FCC compatibility	Yes
RoHS compatibility	Yes
REACH compatibility	Yes
EAN code	5901720139368
Warranty	24 months





## Description

The **Akyga® AK-CH-24 USB-C charger** is an advanced device that offers a maximum **power of 140 W**, providing fast and efficient charging for even the most demanding devices. Thanks to **GaN (gallium nitride) technology**, the charger is not only efficient but also compact and energy-saving. This technology minimises energy losses, resulting in reduced heat emission, increased efficiency, and smaller device size.

The AK-CH-24 **GaN charger** is equipped with **three USB Type C ports** and **one USB Type A port**. The large number of ports makes the charger ideal for families, offices and people travelling with multiple devices. The ability to charge several devices at the same time eliminates the need for multiple chargers, which is particularly useful in areas with limited electrical outlets.

What's more, the mains charger supports a voltage range of **5 to 28 V** and a maximum **current of 5 A**, providing versatility and wide compatibility with a variety of electronic devices. **Power Delivery (PD)** and **Quick Charge technologies** allow the charging power to be automatically adapted to the specifications of the connected device, guaranteeing safe and optimal charging. As a result, the device enables fast charging of smartphones, tablets, laptops, powerbanks, and other high-power devices.

In addition, the USB-C charger has **no built-in USB cables**, giving users the option to choose the appropriate length and type of cables to suit their needs. This further adds to the flexibility and convenience of use.