



AC/DC adapter

Model: **AK-CH-25**



Product code	AK-CH-25
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	IEC C7
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 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)	102 x 62 x 36 mm
Package size (L x W x H)	180 x 100 x 40 mm
Net weight	258 g
Gross weight	352 g
CE compatibility	Yes
FCC compatibility	Yes
RoHS compatibility	Yes
REACH compatibility	Yes
Included accessories	Power cable
EAN code	5901720139375
Warranty	24 months



Description

The **Akyga® AK-CH-25 140 W USB Charger** is the perfect solution for those who value an organised workspace and the ability to charge multiple devices simultaneously. Equipped with **3 USB-C ports** and **1 USB-A port**, it provides convenience for use in a variety of situations, from charging smartphones, tablets to laptops. Thanks to GaN technology, the USB mains charger features greater efficiency while heating up less, allowing you to safely and quickly charge up to several devices at once.

GaN Technology - Speed and Safety

The AK-CH-25 **USB wall charger** combines high performance with compact dimensions thanks to modern GaN (gallium nitride) technology. The use of GaN allows a significant reduction in the size of the device, while still providing **up to 140 W of power** to be delivered via the USB-C ports. This makes the USB charger ideal not only for charging standard mobile devices, but also more demanding equipment such as laptops and ultrabooks. Support for **Quick Charge (QC)** and **Power Delivery (PD)** standards guarantees fast charging of compatible devices, while ensuring protection against overload, overheating and other power-related risks.

Power Delivery (PD) Technology - Efficient Charging of Multiple Devices

The USB charger allows for **the simultaneous connection of up to four devices**, making it perfect for both home and office use. The Power Delivery (PD) technology, supported by the USB-C ports with up to 140 W power, **automatically adjusts the charging parameters** to the connected device, ensuring optimal power for each one - from wireless headphones to laptops. This ensures fast, safe and efficient charging, meaning that laptops, for example, can be charged at full power, while smaller devices receive just the right amount of energy without the risk of overheating or overloading.

Flexibility - Detachable Power Cable

One of the advantages of the AK-CH-25 **USB-C desktop charger** is the detachable **IEC C7 ('eight') power cable**. This makes it easy to transport and connect to a power socket. What's more, the solution allows you to replace the cable with another one, adding to its convenience - for example, in the office, a shorter cable can be used to keep your desk tidy, while a longer cable provides more flexibility at home or when travelling.

Universal 140 W USB Charger

A **USB-A port** with a maximum power of **30 W** and three USB-C ports (two with up to 140 W and one with up to 30 W) ensure full compatibility with a wide range of devices. The charger is suitable for charging phones, tablets, smartwatches, and larger devices such as laptops, ensuring fast and safe operation. Examples of applications include fast charging of the iPhone, Samsung Galaxy, iPad, MacBook Air, as well as other devices using Power Delivery and Quick Charge technology.

Customisable Charging Cables - Personalisation and Convenience

The desktop charger is equipped with four universal ports: three USB-C and one USB-A, which allow for **the connection of any USB charging cables**. This solution gives you complete flexibility in choosing both the length and type of cables to suit your individual needs. For example, you can choose a **Lightning** connector for charging Apple devices such as the **iPhone**, or use cables with a **micro USB** tip for older smartphones and electronics. As a result, the charger will handle a wide range of devices - from phones, tablets and laptops to smartwatches and other gadgets - utilising the full capabilities of the Power Delivery (PD) and Quick Charge (QC) standards to provide fast and safe charging for each.

Perfect for the Desk - Aesthetic and Functional Design

With its slim and **white casing**, the charger blends in perfectly with modern office or home décor. It provides convenient access to the ports so you can quickly plug in your devices and start charging. Its sleek form and lack of unnecessary wires make it not only functional, but also stylish.