# AC/DC adapter

Model: **AK-CH-20**

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| Product code | AK-CH-20 |
| Product type | AC/DC adapter |
| Series | Universal |
| Supply voltage | 110-240 V / 50/60 Hz |
| Power consumption | < 1.6 A |
| Maximum power | 100 W (USB-C) or (65 W + 18 W) |
| 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 / 2 A, 12 V / 1.5 A (Max. 18 W) |
| USB-C output voltage | 5 V / 3 A, 9 V / 3 A, 12 V / 3 A, 15 V / 3 A, 20 V / 5 A (Max. 100 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) | 112 x 39 x 32 mm |
| Package size (L x W x H) | 180 x 87 x 36 mm |
| Net weight | 148 g |
| Gross weight | 183 g |
| CE compatibility | Yes |
| FCC compatibility | Yes |
| RoHS compatibility | Yes |
| REACH compatibility | Yes |
| EAN code | 5901720137814 |
| Warranty | 24 months |

# Description

The **Akyga® AK-CH-20 GaN charger** is a state-of-the-art power solution for mobile devices. It is lightweight and handy, and its high performance allows it to **quickly charge** devices with a maximum power of **100 watts**. What's more, the use of new GaN material has made it possible to significantly reduce the size of the charger. Therefore, the power supply is ideal for use both at home and on the go. The mains charger has **two USB ports**. One **USB Type A port** with 18 W and one **USB Type C port** (100 W). This allows it to charge two devices simultaneously. In addition, the charger supports the **Quick Charge 3.0** and **Power Delivery 3.0** technologies, which are responsible for fast and safe charging. Therefore, the charger is suitable for powering smartphones as well as laptops and other devices used on a trip.