



- This high-quality, fast-charging, grounded universal USB GaN charger is ideal for charging smartphones, tablets, notebooks and other USB-powered devices. Combining state-of-the-art GaN charging technology with an integrated protective earth connection and a shielded USB-C cable, it is the perfect solution for all your charging needs.

One of the key advantages of the wall charger is its integrated grounding function. As soon as the supplied shielded USB-C cable is connected, it grounds smartphones, tablets, notebooks and other compatible devices, regardless of whether the battery is being charged. For this to work, the charger must be connected to a properly grounded mains outlet. Consequently, low-frequency electric alternating fields on the connected device are significantly reduced.

Thanks to its integrated GaN (gallium nitride) technology, the charger delivers high charging performance in a compact design with low heat generation. With a maximum output power of 65 W, the charger supports the latest fast-charging standards, including USB Power Delivery (PD), Programmable Power Supply (PPS), Quick Charge (QC) and SuperCharge Protocol (SCP). This allows a wide range of smartphones, tablets and USB-C notebooks to be charged quickly and efficiently. The charger automatically detects the fast-charging protocol supported by the connected device, providing the optimal charging power without any user intervention.

#### Typical applications for grounded USB chargers:

Electronic devices such as smartphones, tablets and notebooks generate low-frequency alternating electric fields. The Wicaya wall charger's integrated protective earth connection and the supplied shielded USB-C cable significantly reduce these fields whenever the cable is connected to the device, regardless of whether the battery is charging.

**For this function to work, the charger must be connected to a properly grounded mains outlet or power strip.**

- Supplied with a shielded USB-C to USB-C cable.
- It reduces the low-frequency alternating electric fields on the connected device. Compact, high-quality housing.
- Two USB-C and one USB-A port, with a total output power of up to 65 W. LED Status Indicator.
- Advanced GaN technology ensures high efficiency and low heat generation.

**Order-No.:** 300316  
**Short-Desc.:** USB-Charger

## USB Chargers & Power Adapters

### Universal USB-Charger

#### Technical data

|                                                         |                                                                                                                            |
|---------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Colour:                                                 | black                                                                                                                      |
| Input voltage:                                          | 100–240 V~, 1,5 A, 50–60 Hz                                                                                                |
| Dimensions:                                             | see the diagram                                                                                                            |
| Ports:                                                  | 2 × USB-C + 1 × USB-A                                                                                                      |
| Included Cable:                                         | Shielded USB-C to USB-C cable                                                                                              |
| Total output power:                                     | 65 W (maximum)                                                                                                             |
| USB-C (PD, PPS) output:                                 | 5 V / 3 A / 15 W<br>9 V / 3 A / 27 W<br>12 V / 3 A / 36 W<br>15 V / 3 A / 45 W<br>20 V / 3,25 A / 65 W                     |
| USB-A (QC, SCP) output:                                 | 4,5 V / 5 A / 22,5 W,<br>5 V / 4,5 A / 22,5 W<br>3,6 - 6 V / 3 A / 18 W<br>6 - 9 V / 2 A / 18 W<br>9 - 12 V / 1,5 A / 18 W |
| PPS (USB-C):<br>(Continuously adjustable fast charging) | 3,3 - 11 V / 5 A / 55 W<br>3,3 - 16 V / 3,8 A / 60,8 W<br>3,3 - 20 V / 3 A / 60 W                                          |
| Weight:                                                 | 171,5 g                                                                                                                    |

#### Package including

Universal USB wall charger/power adapter, Shielded USB-C to USB-C cable, User manual

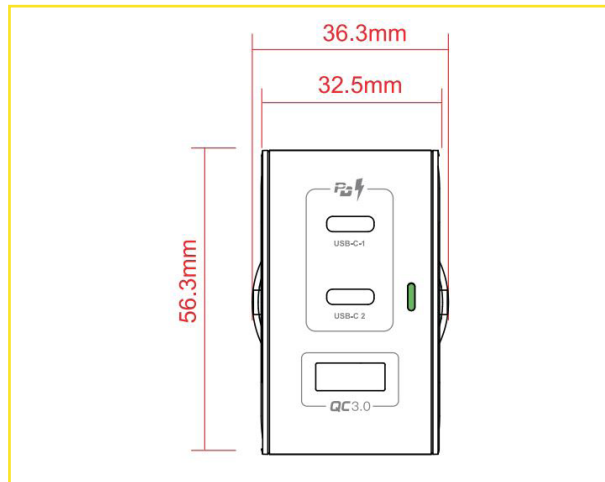
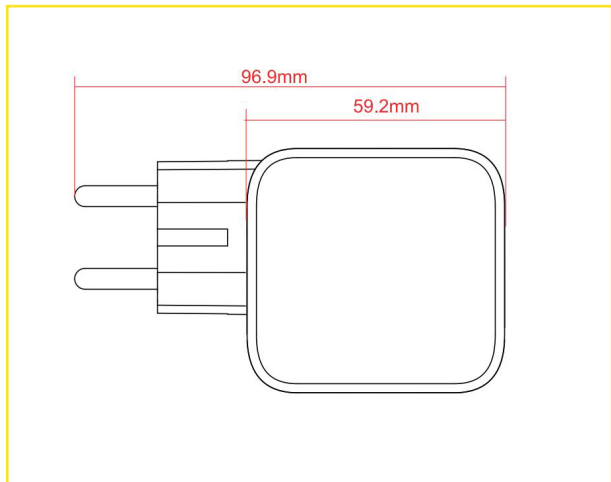


#### Note:

- Only operate from a properly installed, grounded mains outlet with a functioning protective earth conductor.
- The shielding function only works when an effective protective grounding connection is available.
- To ensure optimum shielding performance, only use the supplied shielded USB cable or an equivalent.
- Do not use the charger or cable if either is damaged.
- Do not use this product in damp or wet environments.
- Do not open or modify the device.

## USB Chargers & Power Adapters

### Universal USB-Charger



## USB Chargers & Power Adapters

### Universal USB-Charger - Reduction of low-frequency electric fields

| Electric field, approx. 10 cm distance / ME3030B / V/m | Unshielded 65 W Charger | Unshielded 120W Charger | Charger grounded Wicaya |
|--------------------------------------------------------|-------------------------|-------------------------|-------------------------|
| Power adapter measurement without charging – initial   | 160,0 V/m               | 194,0 V/m               | 60,0 V/m                |
| Charger measurement without charging (10 s)            | 50,0 V/m                | 105,0 V/m               | 40,0 V/m                |
| Measurement at the charger while charging              | 160,0 V/m               | 194,0 V/m               | 60,0 V/m                |
| Measurement of smartphones without charging            | 6,0 V/m                 | 6,0 V/m                 | 0,0 V/m                 |
| Measurement of smartphones with charging               | 608,0 V/m               | 512,0 V/m               | 0,0 V/m                 |



#### Output power by port configuration

#### Universal USB-Charger

| Port           | A    | B    | C      | D    | E      | F    | G    |
|----------------|------|------|--------|------|--------|------|------|
| USB-C-1        | 65 W | X    | X      | 45 W | 45 W   | 45 W | X    |
| USB-C-2        | X    | 65 W | X      | 18 W | X      | 12 W | 12 W |
| USB-A (QC 3.0) | X    | X    | 22,5 W | X    | 22,5 W | 12 W | 12 W |

■ unbelegte / freie Ports ■ belegte / angeschlossene Ports

#### Charging Protocols:

- **PD (Power Delivery)**  
Apple, Google, Dell, Lenovo, and many notebooks, smartphones, and other USB-C devices.
- **PPS (Programmable Power Supply)**  
Samsung Galaxy, Google Pixel, and many modern Android devices.
- **QC (Quick Charge)**  
Many Android smartphones.
- **SCP (SuperCharge Protocol)**  
Huawei and Honor devices (primarily older models).