

Axagon ACU-PQ45 PD3.0 & QC4+ 2xOUTPUTS wall charger 45W

Model: ACU-PQ45

Manufacturer: AXAGON

EAN: 8595247907905

Product Code: 514812

R1,018

The AXAGON ACU-PQ45 GaN travel wall charger enables fast charging of up to two mobile devices at the same time. With 45W of total power, the charger charges phones, tablets and other mobile devices at the highest possible speed. The adapter offers a standard USB-A connector, but also double-sided USB-C connector.

Compact size and high performance is given by the new GaN technology used. The components used with Galium Nitride work with high efficiency, which allows you to achieve high performance with a small size. The charger is equipped with Power Delivery 3.0 / Quick Charge 4+ USB Type-C Quick Charge 3.0 USB Type-A outputs, enabling fast charging of not only smartphones and tablets, but also small notebooks with a power of up to 45W.

The charger supports 20W PD charging for iPhone 12, 13, 14 and 15 and also offers 27W PD

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charging for iPhone 13 Pro, 14 Pro, 15 Pro and their Pro Max models. In addition, it supports 25W SFC charging for Samsung Galaxy S20 - S24, Note and Z Fold series and also offers 45W SFC 2.0 charging for Samsung Galaxy S20 - S24 Ultra, Tab S7+ - S9+, Tab S8 - S9 Ultra.

The adapter is also compatible with other fast phone charging standards such as Apple iPhone, iPad, Samsung, Huawei, Honor, Xiaomi, as well as the Power Delivery 3.0 standard for charging Apple MacBookAir laptops and other ultakbooks.

The advanced protection system at the charging adapter output protects the device being charged from damage. The charger function also detects the device being charged and selects the optimal charging speed and progress. When two devices are charged simultaneously, intelligent power distribution is activated.

The body of the power adapter has a pleasant shape and size. Compared to classic charging adapters with the same parameters, the size of this charger is up to half the size. The combination of small dimensions, achieved with GaN technology and a wide range of input voltages, makes the charger an ideal travel helper.

Input:
• input voltage AC 100V-240V / 1.2A / 50-60 Hz (WIV function) supports multiple national power standards
• two-pin euro plug - integrated in the body of the charger

Outputs:
• USB-A port QC (phones) max. 20W: 5V/3A, 9V/2A, 10V/2A, 12V/1.5A
• Charging technology: QC 3.0, QC 2.0, AFC, SCP, FCP, PE+, SMART, Apple 2.4A

• USB-C port PD (tablets, phones) max. 45W: 5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/2.25A, PPS: 3.3-16V/3A
• Charging technology: PD 3.0, PD 2.0, PPS, QC4+, QC 3.0, QC 2.0, SFC 2.0, SFC, AFC, SCP, FCP, PE+, SMART, Apple PD

Maximum performance using multiple ports:
• maximum power QC + PD 45W

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• total maximum power 45W
• total maximum current 3A

Supported charging technologies:
• Standard charging of all devices that support 5V and Apple iPhone 5, 6, SE, 7 charging.
• SMART - charging max. 5V/3A, Quick Charge 1.0, USB Battery Charging 1.2 (DCP 1.5A) a Apple 2.4A (iPad).
• PE+ - quick charging using MediaTek Pump Express+ and Pump Express+ 2.0 protocol
• FCP - quick charging using Huawei Fast Charge Protocol.
• SCP - quick charging (up to 20W) using Huawei SuperCharge Protocol.
• AFC - quick charging using Samsung Adaptive Fast Charging protocol.
• SFC - quick charging using Samsung Super Fast Charging and Super Fast Charging 2.0 protocol.
• QC - quick charging using Qualcomm Quick Charge 2.0, Quick Charge 3.0 and Quick Charge 4+ protocol.
• PPS - quick charging using Programmable Power Supply protocol (part of USB PD 3.0 and QC4+).
• PD - quick charging using USB Power Delivery 2.0 and Power Delivery 3.0 protocol.

Examples of supported phones, tablets and ultrabooks:
• SFC - quick charging (up to 25W) of Samsung Galaxy S20, S21, S22, S23, S24 series, Note 10, 20 series, Z Fold 2, 3, 4 series.
• SFC 2.0 - quick charging (up to 45W) of Samsung Galaxy S20, S21, S22, S23, S24 Ultra, Tab S7+, Tab S8+, Tab S9+, Tab S8 Ultra, Tab S9 Ultra.
• PD - quick charging of Apple iPhone 8, 8 Plus, X, XS, XS Max, XR, 11, 11 Pro, 11 Pro Max phone.
• PD - quick charging (up to 20W) Apple iPhone 12, 12 Mini, 12 Pro, 12 Pro Max, 12, 12 Mini, 12 Pro, 12 Pro Max, 13, 13 Mini, 14, 14 Plus, 15, 15 Plus phone.
• PD - quick charging (up to 27W) Apple iPhone 13 Pro, 13 Pro Max, 14 Pro, 14 Pro Max, 15 Pro, 15 Pro Max phone.
• PD - quick charging (up to 45W) Apple iPad mini, iPad Air, iPad Pro, MacBook Air and other ultrabooks.

The charger supports WIV, AIC, CC, IPD functions:
• Wide Input Voltage - function of a wide range of input voltage; it protects the adapter against undervoltage and overvoltage at the input and allows the use of more “national power standards”.
• Automatic Intelligent Communication - function of automatic recognition of the connected device

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to select optimal charging parameters.

• Constant output Current - the current hold function prevents the output power fluctuations; this function ensures steady course of charging.

• Intelligent power distribution - when devices with different power are connected, the charging power is intelligently redistributed between both ports.

Complex output protection: OCP, OVP, OTP, OSP:

• Over Current Protection. Protection of output against current overload.

• Over Voltage Protection. Protection against overvoltage at the output.

• Over Temperature Protection. Protection against overheating of the adapter.

• Output Short Circuit protection. Short circuit protection at the output.

Other features:

• dimensions of the charger body 89 x 52 x 36 mm including a plug,

• weight: 85 g,

• material: non-flammable plastic.

Package contains:

• black wall charger,

• multilingual guide CZ / DE / DK / ENG / ESP / FIN / FR / GR / HR / HU / IT / NL / PL / PT / RO / RU / SK / SWE / TR / BG / CN / ARA,

• packed in a cardboard box with a hanging hole.

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