

Axagon ACU-PQ33W GaN wall charger 33W, USB-A + USB-C, for phones and tablets

Model: ACU-PQ33W

Manufacturer: AXAGON

EAN: 8595247910288

Product Code: 1717518

R846

Compact 33W GaN charger for phones and tablets

Fast charging for two devices in a compact design. The wall charger AXAGON ACU-PQ33W GaN offers up to 33W output for quick charging of mobile phones, tablets, and other electronics. Its USB-C output charges phones and tablets at up to 33 W, while the 18 W USB-A output lets you charge a second device, such as a smartwatch, earbuds, or another phone. The GaN technology enables a compact size and high energy efficiency of the charger. Support for charging protocols USB Power Delivery 3.0 with PPS and Quick Charge 4+ ensures fast charging of iPhones, Samsung Galaxy phones, Google Pixel, and other devices.

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GaN technology for high power in a compact size

The exceptionally small size and low weight are thanks to second-generation GaN technology (gallium nitride). GaN components deliver higher efficiency and lower energy losses than conventional silicon designs, allowing the charger to be significantly smaller. The efficiency reaches about 88%, which helps limit heating even under heavy load. With dimensions of only 84 × 36 × 32 mm and weight of 64 g, the charger is designed for everyday carrying in a backpack, bag, or carry-on luggage. The input voltage 100–240 V / 50–60 Hz corresponds to electrical grids throughout Europe.

Fast charging for phones and tablets

The charger supports a wide range of fast charging technologies including USB Power Delivery 3.0 with PPS, Quick Charge 4+ and Samsung Super Fast Charging 2.0. Via USB-C it can charge compatible Samsung Galaxy phones up to 33W, Google Pixel up to 33W, and also supports charging Apple iPhone. It is also compatible with phones and tablets from brands like Motorola, Xiaomi, Honor, Oppo, OnePlus, Realme and other manufacturers. See the compatibility list below for supported models, charging technologies, and maximum power ratings.

Two USB outputs for simultaneous charging

The charger is equipped with a USB-C output with power up to 33W and a USB-A output supporting charging up to 18W. When using the USB-C port alone, you can utilize the maximum available power for fast charging a phone or tablet. The USB-A output is ideal for charging a second phone, wireless earbuds, or other accessories. When both USB ports are used simultaneously, the charger provides a total power of up to 15W (5V / 3A) in SMART mode. So with a single adapter, you can conveniently charge two devices at the same time, for example a phone and a smartwatch.

Safe charging and protection in abnormal conditions

Connected devices automatically negotiate the appropriate voltage, current, and power with the charger, so you can safely charge a phone, smartwatch, or headphones with the same charger. If the charger encounters non-standard or extreme operating conditions, the appropriate protective function intervenes. The charger is protected against overcurrent (OCP), overvoltage (OVP),

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overheating (OTP), and output short circuit (OSP). If safe operating conditions are exceeded, the system limits or interrupts the output to protect both the charger and connected device.

Fast charging protocols:

• USB Power Delivery: PD 2.0, PD 3.0

• PPS: Programmable Power Supply

• Qualcomm Quick Charge: QC 2.0, QC 3.0, QC4+

• Samsung: Adaptive Fast Charging, Super Fast Charging, Super Fast Charging 2.0

• Honor: Fast Charge Protocol (FCP), SuperCharge Protocol (SCP)

• SMART: Quick Charge 1.0, USB Battery Charging 1.2, Apple 2.4A

Compatibility with phones and tablets:

• Apple: iPhone 5, 6, SE (1st generation), 7 - standard charging 5V

• Apple: iPhone 8, 8 Plus, X, XS, XS Max, XR, 11, 11 Pro, 11 Pro Max, SE (2nd generation) - Power Delivery up to 18W

• Apple: iPhone 12, 12 mini, 12 Pro, 12 Pro Max, 13, 13 mini, 14, 14 Plus, 15, 15 Plus, 16 Plus, 17e, iPhone Air, SE (3rd generation) - Power Delivery up to 20W

• Apple: iPhone 16e, 16, 16 Pro - Power Delivery up to 24W

• Apple: iPhone 13 Pro, 13 Pro Max, 14 Pro, 14 Pro Max, 15 Pro, 15 Pro Max - Power Delivery up to 27W

• Apple: iPhone 16 Pro Max - Power Delivery up to 30W

• Apple: iPhone 17, 17 Pro, 17 Pro Max - Power Delivery up to 33W

• Apple: iPhone 18 Pro, 18 Pro Max, iPhone Duo - Power Delivery up to 33W

• Apple: iPad mini, iPad Air, iPad Pro - Power Delivery

• Samsung: Galaxy S20, S20+, S21, S21+, S22, S23, S24, S25, S25 Edge, S26, Note 10, Note 20, Z Fold 2, 3, 4, 5, 6, 7, Z Flip 3, 4, 5, 6, 7, 8 - Samsung Super Fast Charging up to 25W

• Samsung: Galaxy S20 Ultra, S22+, S22 Ultra, S23+, S23 Ultra, S24+, S24 Ultra, S25+, S25 Ultra, S26+, S26 Ultra, Z Fold 8, Z Fold 8 Ultra, Tab S7+, Tab S8+, Tab S9+, Tab S10+, Tab S11, Tab S8 Ultra, Tab S9 Ultra, Tab S10 Ultra, Tab S11 Ultra - Samsung Super Fast Charging 2.0 up to 33W

• Samsung: other compatible phones and tablets - Adaptive Fast Charging

• Google: Pixel 10, Pixel 10 Pro - PPS up to 27W

• Google: Pixel 11, Pixel 11 Pro - PPS up to 30W

• Google: Pixel 10 Pro XL - PPS up to 33W

• Google: Pixel 11 Pro XL - PPS up to 33W

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• Honor: compatible phones and tablets - Fast Charge Protocol (FCP)
• Honor: compatible phones and tablets - SuperCharge Protocol (SCP) up to 18W
• Xiaomi / Redmi / POCO: compatible phones and tablets - fast charging up to 30W
• Oppo / Vivo / OnePlus / Realme: compatible phones and tablets - fast charging
• Motorola: compatible phones and tablets - fast charging

Input:
• AC input voltage 100–240V / 1A / 50–60 Hz
• two-pin Euro plug – integrated into power supply body

Outputs:
• USB-A port QC (phones) max. 18W: 5V/3A, 9V/2A, 12V/1.5A
• Charging technologies: QC 3.0, QC 2.0, AFC, SCP, FCP, SMART, Apple 2.4A

• USB-C port PD (phones and tablets) max. 33W: 5V/3A, 9V/3A, 12V/2.5A, PPS: 3.3–11V/3A

• Charging technologies: PD3.0, PD2.0, PPS, QC4+, QC 3.0, QC 2.0, SFC2.0, SFC, AFC, SCP, FCP, SMART, Apple PD

Maximum charger power with multiple ports used:
2 devices connected simultaneously
• USB-C port PD + USB-A port QC = 15 W MAX
Note: When charging multiple devices simultaneously, the charger automatically distributes power between them. The allocated power may vary during charging.

Energy efficiency:
• Maximum efficiency: up to 87.98%

The charger supports WIV, AIC, CC functions:
• Wide Input Voltage – wide range input voltage function, protects the adapter against undervoltage and overvoltage at the input and allows use with multiple "national power standards".
• Automatic Intelligent Communication – automatic detection function for connected device to select optimal charging parameters.
• Constant Output Current – function to maintain constant current prevents output power

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fluctuations, ensuring stable charging process.

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

• Over Current Protection. Protection against overcurrent at output.

• Over Voltage Protection. Protection against overvoltage at output.

• Over Temperature Protection. Protection against adapter overheating.

• Output Short Circuit Protection. Protection against output short circuit.

Other features:

• power supply body dimensions 84 × 36 × 32 mm including plug,

• weight: 64 g,

• material: flame-retardant plastic.

Package contents:

• white wall charger,

• multilingual manual CZ / DE / DK / ENG / ESP / EST / FIN / FR / GR / HR / HU / IT / LT / LV / NL / NOR / PL / PT / RO / SK / SLO / SRB / SWE / TR / UA / ALB / BG / BOS / CN / ARA,

• packed in a cardboard box with a hanging hole.

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