



Computer power supply

Model: **AK-C1-600**



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|------------------------------------|-----------------------------------|
| Product code | AK-C1-600 |
| Product type | Computer power supply |
| Format | ATX 2.31 |
| Series | Classic |
| Supply voltage | 230 V |
| Power consumption | < 5 A |
| Efficiency | > 80 % |
| 80 PLUS compatibility | Yes |
| Current on the +3.3V rail | 13 A |
| Current on the +5V rail | 13 A |
| Maximum load on +3.3V and +5V line | 105 W |
| Current on the +12V rail | 40 A |
| Maximum power | 600 W |
| Mainboard Power Connector | 24-pin |
| Power connector EPS12V 8 pin | 1 pc |
| Power connector PCI-E 6+2 pin | 2 pcs |
| Molex connector | 3 pcs |
| SATA connector | 5 pcs |
| Modular power supply | No |
| PFC filter | Active |
| Mechanical switch | Yes |
| Ground wire | Yes |
| OVP | Yes |
| OCP | Yes |
| OPP | Yes |
| OTP | Yes |
| SCP | Yes |
| UVP | None |
| Power supply connector | IEC C14 |
| Fan size | 120 mm |
| Fan adjustments | Automatic |
| Cable length | 50 - 95 cm |
| The cable plug #1 | Hybrid standard C/E/F (CEE 7/7) |
| The cable plug #2 | IEC C13 |
| Power cable included | Yes |
| Material | Galvanized steel |
| Product color | Black |
| Temperature | 5 - 50 °C |
| Package | EcoBox |
| Product size (L x W x H) | 150 x 145 x 85 mm |

| | |
|--------------------------|--------------------|
| Package size (L x W x H) | 235 x 180 x 100 mm |
| Net weight | 1320 g |
| Gross weight | 1878 g |
| CE compatibility | Yes |
| RoHS compatibility | Yes |
| REACH compatibility | Yes |
| EAN code | 5901720139337 |
| Warranty | 24 months |



Description

The **Akyga® AK-C1-600 ATX power supply** from the Classic line is a device with an **actual power of 600 W**, designed to provide stable power for advanced computer configurations. This power supply is equipped with a more powerful system, offering users high efficiency and reliability, making it an excellent choice for those who require maximum performance from their equipment. What's more, the AK-C1-600 computer power supply **complies with the 80 PLUS certificate**, indicating its energy efficiency and minimisation of power loss, ensuring economical and eco-friendly use. Thanks to its **APFC (Active Power Factor Correction) technology**, this power supply optimises the power factor, helping to reduce energy consumption.

The AK-C1-600 ATX power supply offers an extensive range of connectors, including a **P4+4 connector**, **two PCI-E 6+2 pin connectors**, **five SATA connectors** and **three Molex connectors**, allowing the connection of a wide range of components, including hard drives, SSDs, graphics cards and other peripherals. The use of **flat cables** is key to the easy organisation inside the case, not only facilitating cable management but also contributing to better airflow and more efficient cooling.

The unit is constructed using the latest electronic components, ensuring long-lasting durability and reliability. Its design, kept in an elegant black casing, perfectly complements most PC cases, giving them a professional appearance. Inside, there is a quiet **12 cm fan** that effectively dissipates heat, guaranteeing optimal working conditions without increasing noise levels.

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