



## Computer power supply

Model: **AK-C1-600**



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.