Computer power supply

Model: **AK-C1-800**

Product code	AK-C1-800
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	800 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	6 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 - 80 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	1508 g
Gross weight	1757 g
CE compatibility	Yes
RoHS compatibility	Yes
REACH compatibility	Yes
EAN code	5901720139344
Warranty	24 months

Desctription

The Akyga® AK-C1-800 ATX power supply from the Classic collection is designed for efficient and stable energy delivery to extensive computer configurations. It is characterized by a real nominal power of 800 W, making it a tailored solution for those who expect higher efficiency and reliability from their equipment. What's more, the ATX power supply **complies with the 80 PLUS certification**, which indicates high energy efficiency, which translates into more eco-friendly and economical use. In addition, the installed **APFC (Active Power Factor Correction) filter** ensures power factor optimisation, which reduces energy consumption and represents another step towards energy efficiency.
The AK-C1-800 offers a wide range of connectors, including a **P4+4 connector**, **two PCI-E 6+2 pin connectors**, **six SATA connectors** and **three Molex connectors**. Such equipment allows convenient connection of a variety of components, from HDDs and SSDs to graphics cards and other peripherals. The use of **flat cables** significantly facilitates cable management inside the case, which is important for both aesthetics and system functionality, enabling better airflow and simplifying the installation process or configuration expansion. Flat cables reduce the risk of tangling, which promotes tidiness and aesthetics inside the case.
The AK-C1-800 ATX computer power supply unit uses **modern electronic components** that comply with the latest technological standards, ensuring its durability and stable operation. It has been designed for intensive use, guaranteeing system reliability for many years.
The aesthetics of the unit are highlighted by its elegant black casing, which blends harmoniously with most contemporary PC cases, adding a professional look. The interior of the PSU hides a quiet but efficient **12 cm fan**, which ensures efficient air circulation, maintaining optimal working conditions without increasing noise levels.