



Computer power supply

Model: **AK-B1-500**



Product code	AK-B1-500
Product type	Computer power supply
Format	ATX 2.31
Series	Basic
Efficiency	> 70 %
80+ compatibility	No
Current on the +3.3V rail	30 A
Current on the +5V rail	34 A
The combined power of +3.3V and +5V	250 W
Current on the +12V rail	22 A
Maximum load on 12V line	264 W
Maximum power	500 W
Mainboard Power Connector	20+4 pin
Power connector ATX12V P4	1 pc
Power connector EPS12V 8-pin	None
Power connector PCI-E 6 pin	None
Power connector PCI-E 6+2 pin	1 pc
Power connector PCI-E 8 pin	None
Molex connector	2 pcs
Mini- Molex connector	1 pc
SATA connector	3 pcs
PFC filter	Passive
Mechanical switch	Yes
Ground wire	Yes
OVP	Yes
OCP	Yes
OPP	Yes
OTP	Yes
SCP	Yes
Power supply connector	230 V
Fan size	120 mm
Fan adjustments	Automatic
Cable length	35 - 60 cm
Power cable included	No
Material	Galvanized steel
Product color	Grey

MTBF	100000 h
Temperature	5-50 °C
Package	EcoBox
Product size (L x W x H)	150 x 140 x 85 mm
Package size (L x W x H)	160 x 220 x 95 mm
Net weight	903 g
Gross weight	1255 g
CE compatibility	Yes
FCC compatibility	No
RoHS compatibility	Yes
EAN code	5901720130334



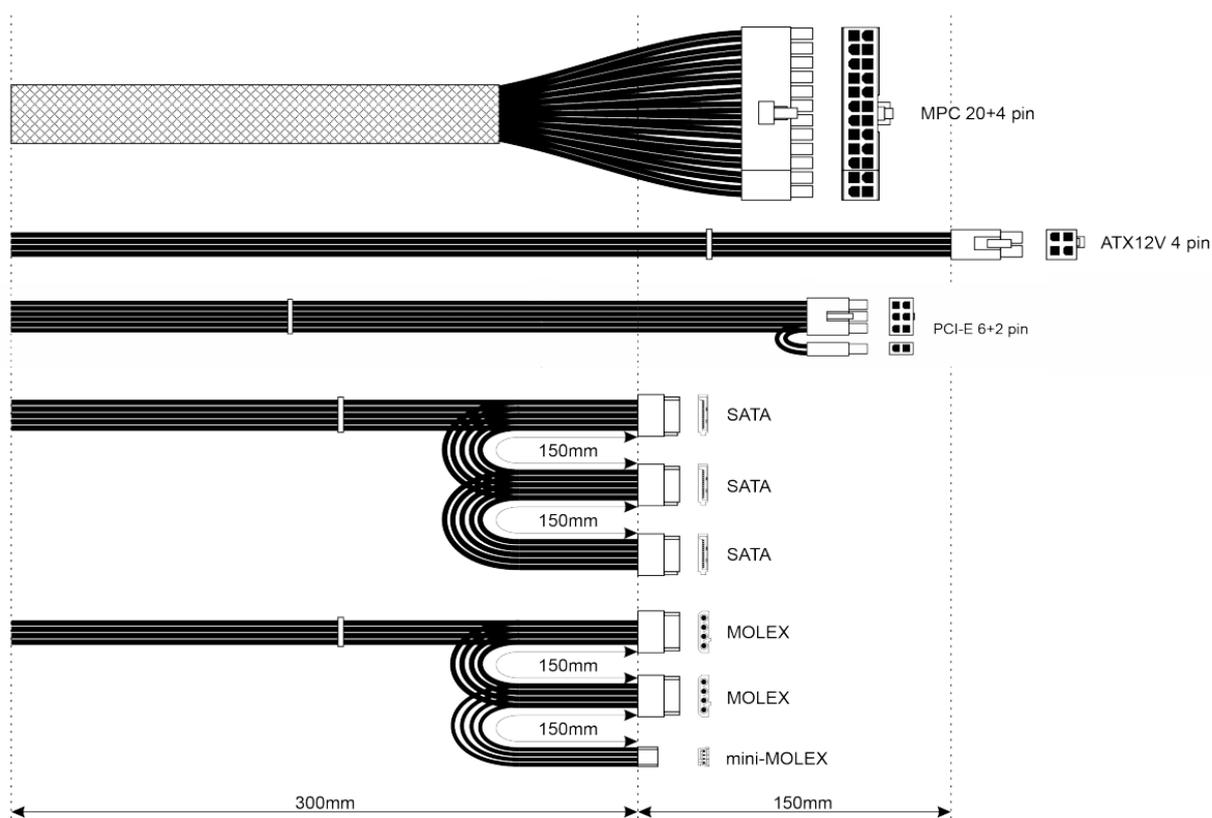
Description

Akyga **ATX** power supply **500W** Basic series is one of the fundamental power supplies in our offer dedicated to power desktop computers.

Product is made of high quality components. The power supply has a **3x SATA** connectors, **2x MOLEX** connectors, **mini-MOLEX** connector, **P4 4-pin** connector, **PCI-E 6+2-pin** connector and an universal **20+4-pin** motherboard connector. Supports **ATX 12V 2.0** specifications, so it can be used with current and next generation of platforms with multi-core processors. Efficient, quiet fan with automatic speed control and a diameter of **120 mm** ensures effective cooling. The power supply has a manual switch that allows the user to safely cut off power without having to disconnect the cord from the network. High efficiency **above 70%** allows effective supplying and so the stable operation of the power supply affects the reliability of all components of the computer.

An important aspect is the presence of several important protectors (OVP, OCP, OPP, OTP, SCP) and **PFC filter** that protects and prevents motherboard, processor and other parts from damage and stabilize the operation of the power supply so that it works without any unwanted interference.

Cable map



Nameplate



Professional Power Supply Solutions

Model:
AK-B1-500

ATX12V v2.31

AC INPUT	230V / 50Hz / 5A				
DC OUTPUT	+3,3V	+5V	+12V	-12V	+5VSB
MAX CURRENT	30A	34A	22A	0,5A	2,5A
MAX COMBINED	250W		264W	18,5W	
TOTAL POWER	500W				

CAUTION!
Do not remove this cover. Trained service personnel only. No user serviceable parts inside.



RoHS







PFC



EN 61000-3-12

Made in China

500W

BASIC
Series