



Computer power supply

Model: **AK-P4-600**



Product code	AK-P4-600
Product type	Computer power supply
Format	ATX 2.31
Series	Pro Modular
Supply voltage	230 V
Power consumption	< 5 A
Efficiency	> 70 %
80 PLUS compatibility	No
Current on the +3.3V rail	24 A
Current on the +5V rail	28 A
The combined power of +3.3V and +5V	140 W
Current on the +12V rail	39 A
Maximum load on 12V line	468 W
Maximum power	600 W
Mainboard Power Connector	20+4 pin
Power connector ATX12V P4	None
Power connector EPS12V 8 pin	1 pc (4 + 4 pin)
Power connector PCI-E 6 pin	None
Power connector PCI-E 6+2 pin	2 pcs
Power connector PCI-E 8 pin	None
Molex connector	2 pcs
Mini-Molex connector	1 pc
SATA connector	5 pcs
PFC filter	Passive
Mechanical switch	Yes
Ground wire	Yes
OVP	Yes
OCP	Yes
OPP	Yes
OTP	Yes
SCP	Yes
UVP	Yes
Power supply connector	IEC C14
Fan size	120 mm
Fan adjustments	Automatic
Cable length	30 - 60 cm

Power cable included	Yes
Material	Galvanized steel
Product color	Black
MTBF	100000 h
Temperature	5 - 50 °C
Package	EcoBox
Product size (L x W x H)	160 x 150 x 85 mm
Package size (L x W x H)	260 x 180 x 95 mm
Net weight	1.95 kg
Gross weight	2.02 kg
CE compatibility	Yes
FCC compatibility	No
RoHS compatibility	Yes
REACH compatibility	Yes
Included accessories	Cable AK-PC-01A
EAN code	5901720134202



Description

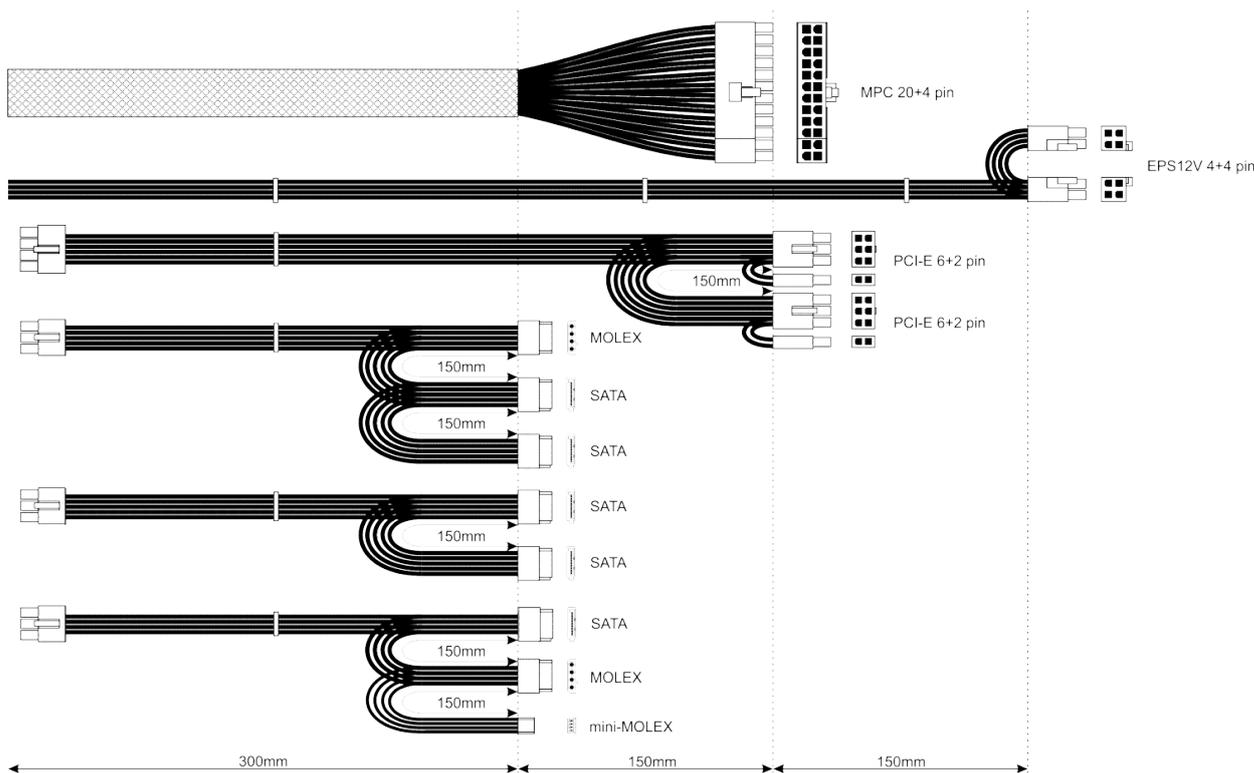
Modern, technologically advanced **Akyga** power supply **Pro Modular** series **600W** compatible with **ATX 2**, dedicated to advanced users for supplying PC computers, made of highest quality components.

Thanks to high parameters the power supply will work with most configurations. It has **5x SATA** connectors, **2x MOLEX** connectors, **mini-MOLEX** connector, **2x PCI 6+2-pin** connector, **EPS 4+4-pin** connector and a universal **20+4-pin** motherboard connector in standard equipment. The modular cabling system lets you use only the cables you need, while longer than standard cables allows an easy installation in bottom-mounting cases. Excellent optimal cooling is provided by **12 cm** fan with chromed grill. 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 a **PFC filter** that protects and prevents motherboard, processor and other parts from damage and stabilizes the operation of the power supply so that it works without any unwanted interference.

The following power supply is offered with a **1.5 m** power cord.

Cable map



Nameplate



Professional Power Supply Solutions

ATX12V v2.31

Model:
AK-P4-600

AC INPUT	230V / 50Hz / 5A				
DC OUTPUT	+3.3V	+5V	+12V	-12V	+5VSB
MAX CURRENT	24A	28A	39A	0.5A	2.5A
MAX COMBINED	140W		468W	18,5W	
TOTAL POWER	600W				

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







EN 61000-3-12

EB25P4
Made in China

600W

PRO

Series