Computer power supply

Model: **AK-B1-600**

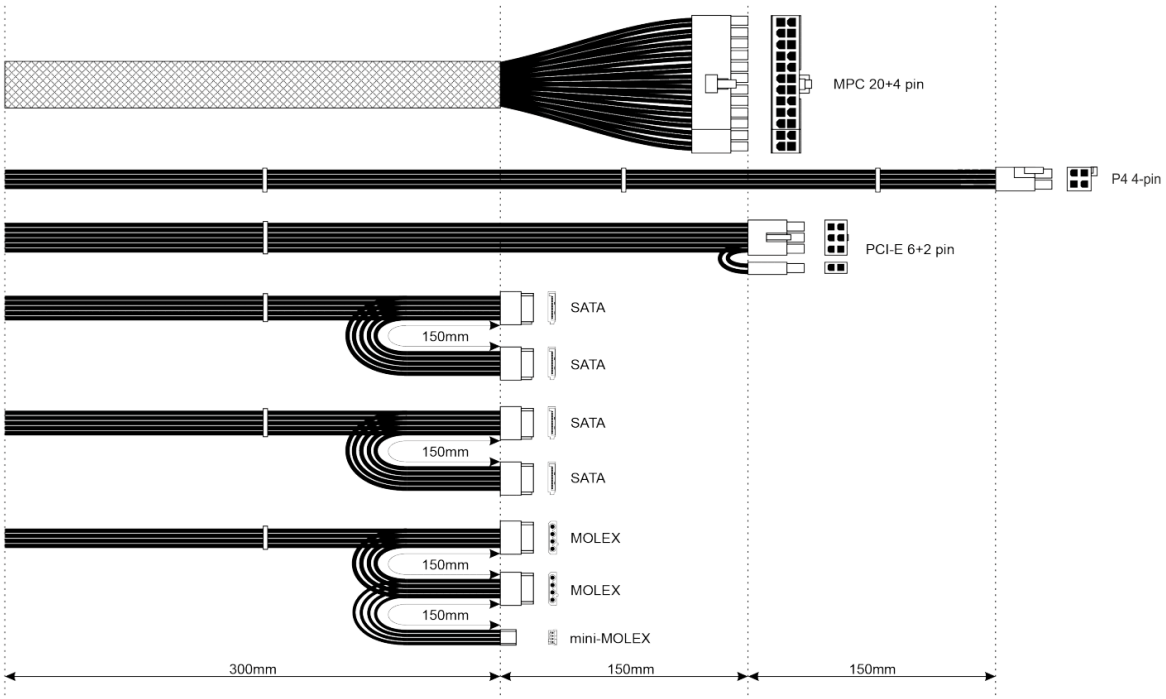
Product code	AK-B1-600
Product type	Computer power supply
Format	ATX 2.31
Series	Basic
Supply voltage	230 V
Power consumption	< 5 A
Efficiency	> 70 %
80 PLUS compatibility	No
Current on the +3.3V rail	35 A
Current on the +5V rail	38 A
The combined power of +3.3V and +5V	300 W
Current on the +12V rail	26 A
Maximum load on 12V line	312 W
Maximum power	600 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	4 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	No
Material	Galvanized steel
Product color	Grey
MTBF	100000 h
Temperature	5 - 50 °C
Package	EcoBox
Product size (L x W x H)	140 x 150 x 85 mm
Package size (L x W x H)	220 x 160 x 95 mm
Net weight	1.12 kg
Gross weight	1.19 kg
CE compatibility	Yes
FCC compatibility	No
RoHS compatibility	Yes
REACH compatibility	Yes
EAN code	5901720130358

Description

Akyga **AK-B1-600** ATX power supply **600W** is one of the basic power supplies in our offer dedicated to power desktop computers.
Made of high quality components, the power supply has a **4x SATA** connectors, **2x MOLEX** connectors, **mini-MOLEX** connector, **P4 4-pin** connector, **PCI-E 6+2-pin** connector, **EPS12V 4pin** 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 the need of disconnecting cord from 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.
Several important protectors (OVP, OCP, OPP, OTP, SCP) and **PFC filter** protect and prevent main computer parts from damage and stabilize the operation of the power supply so that it works without any unwanted interference.

Cable map



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