Computer power supply

Model: **AK-P4-600**

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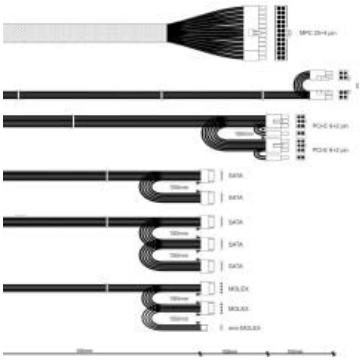
Product code	AK-P4-600
Product type	Computer power supply
Format	ATX 2.31
Series	Pro Modular
Supply voltage	230 V
Power consumption	< 5 A
Efficiency	> 70 %
80 PLUS compatibility	No
Current on the +3.3V rail	24 A
Current on the +5V rail	28 A
Maximum load on +3.3V and +5V line	140 W
Current on the +12V rail	39 A
Maximum load on 12V line	468 W
Maximum power	600 W
Mainboard Power Connector	24-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
Modular power supply	Semi-modular
PFC filter	Passive
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	30 - 60 cm
The cable plug #1	Hybrid standard C/E/F (CEE 7/7)
The cable plug #2	IEC C13
Power cable included	Yes

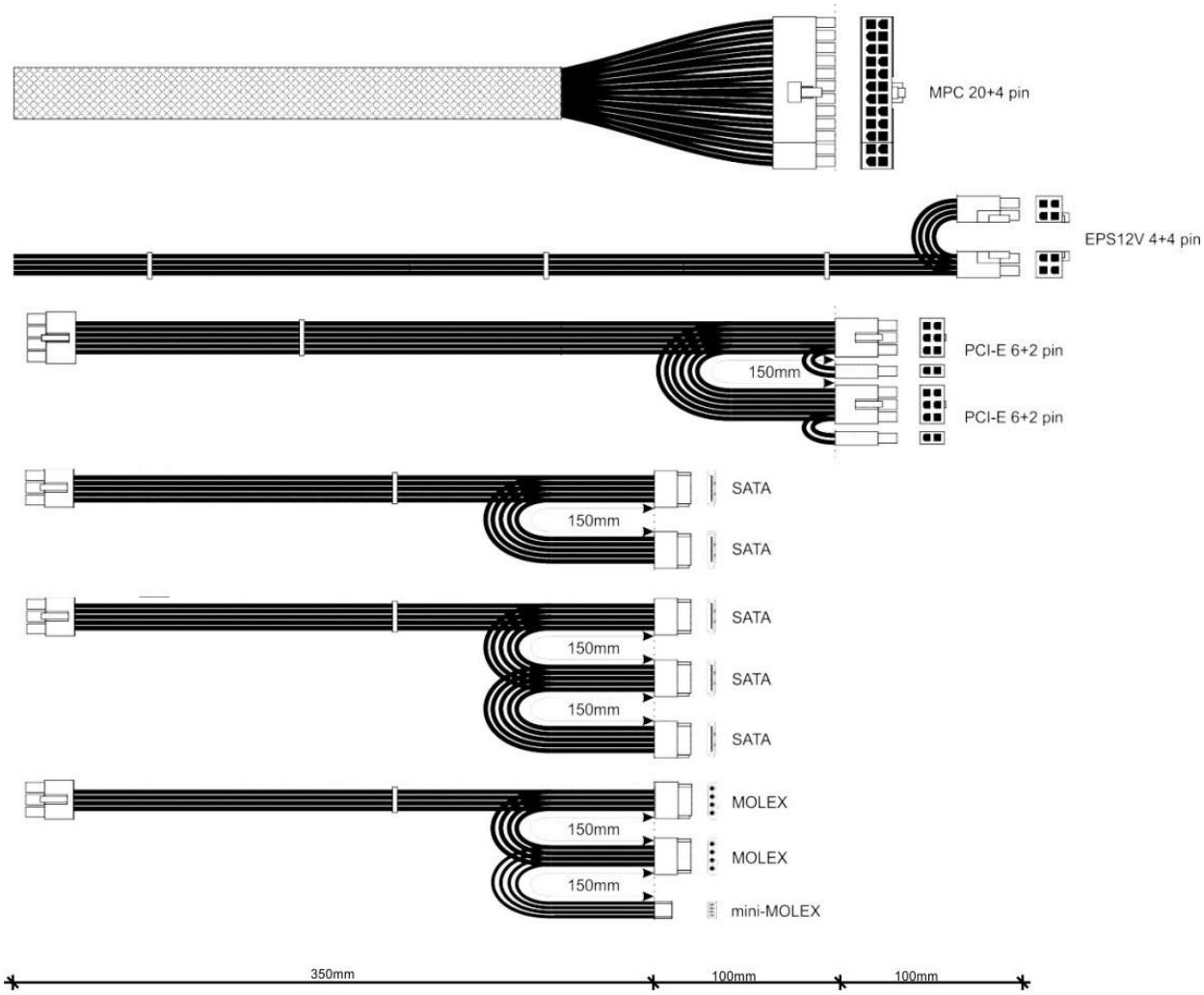
Material	Galvanized steel
Product color	Black
MTBF	100000 h
Temperature	5 - 50 °C
Package	EcoBox
Product size (L x W x H)	140 x 150 x 85 mm
Package size (L x W x H)	260 x 180 x 95 mm
Net weight	1.54 kg
Gross weight	1.62 kg
CE compatibility	Yes
FCC compatibility	No
RoHS compatibility	Yes
REACH compatibility	Yes
Included accessories	Cable AK-PC-01A
EAN code	5901720134202
Warranty	24 months



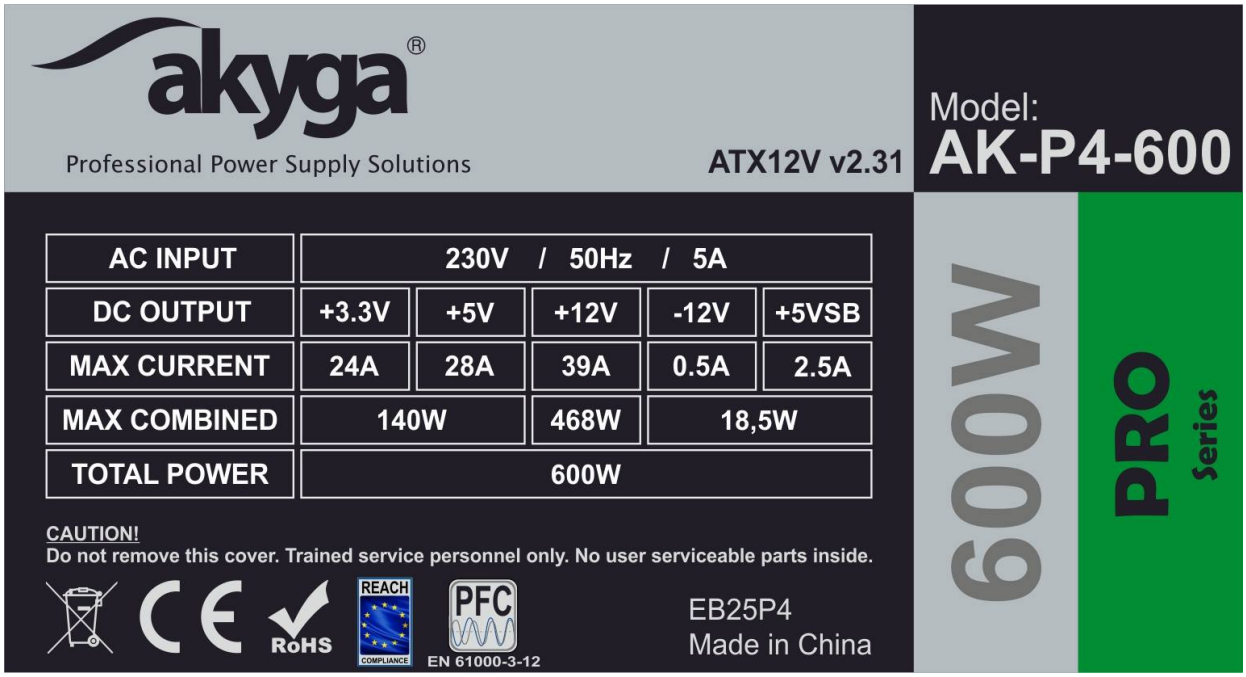
Description

Akyga® AK-P4-600 ATX power supply **Pro** series **600W**, compatible with **ATX 2.31** standard.
Advanced parameters allow for use in complex configurations. The power supply has **5 SATA** connectors, **2 MOLEX** connectors, **mini-MOLEX** connector, **2 PCI 6+2-pin** connector, **EPS 4+4-pin** connector and a universal **24-pin** motherboard connector. An important feature are longer cables that allow easy installation in **bottom-mounting cases**. The semi-modular cabling system lets you use only the cables you need. Silent 12 cm fan with chromed grill provide efficient cooling. **Manual on/off switch** allows for safe power cut off without the need of disconnecting the network cord. High efficiency and stable operation of the power supply affects the reliability of all computer components.
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.
1.5 m power cord included.

Cable map


MPC 20+4 pin
EPS12V 4+4 pin
PCI-E 6+2 pin
150mm
PCI-E 6+2 pin
SATA
150mm
SATA
SATA
150mm
SATA
150mm
SATA
MOLEX
150mm
MOLEX
150mm
mini-MOLEX
350mm
100mm
100mm

Nameplate


akyga®
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.
RoHS
REACH
PFC
EN 61000-3-12
EB25P4
Made in China
600W
PRO Series