# Computer power supply

Model: **AK-P3-600**

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|---|---|
| Product code | AK-P3-600 |
| Product type | Computer power supply |
| Format | ATX 2.31 |
| Series | Pro |
| 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 | 1 pc |
| 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 | 5 pcs |
| Modular power supply | No |
| 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 |

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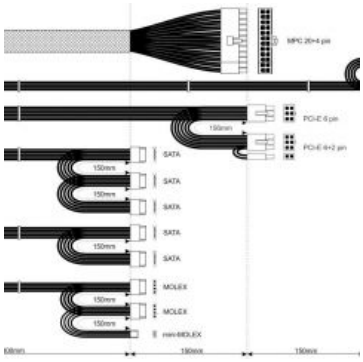
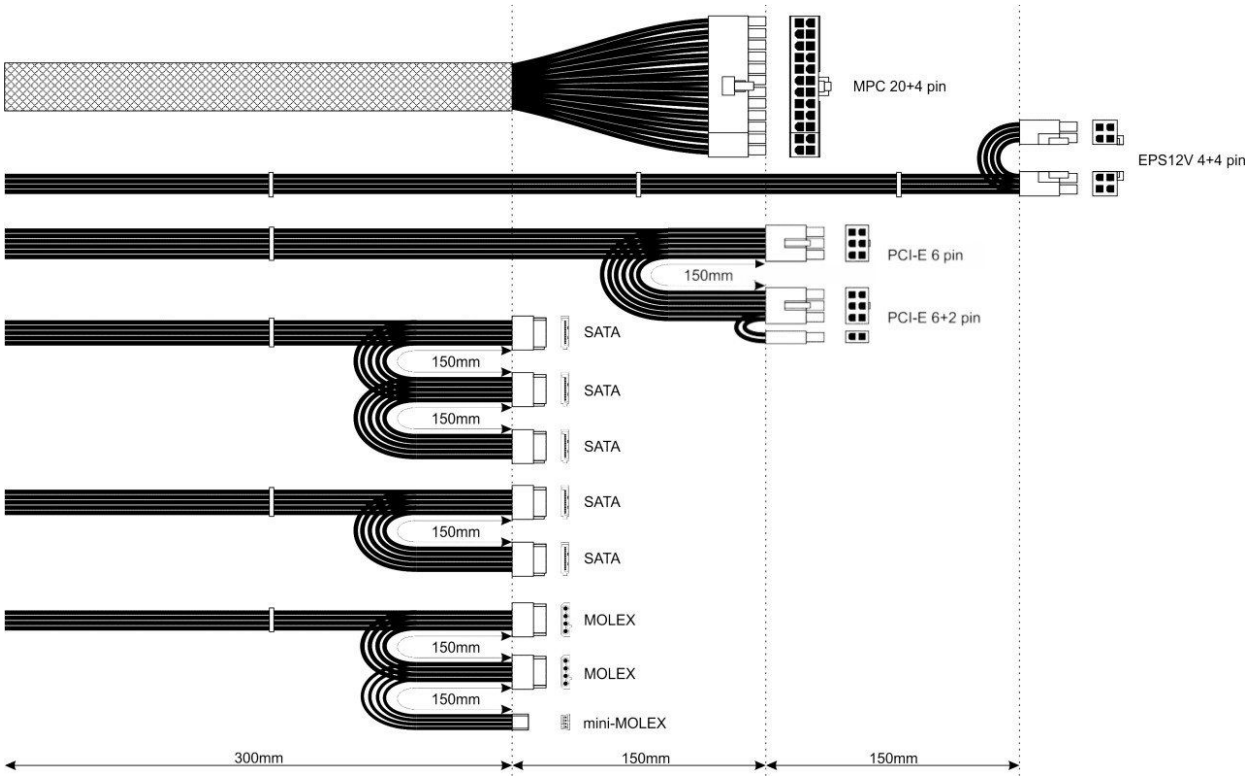
|---|---|
| Material | Galvanized steel |
| Product color | Black |
| MTBF | 100000 h |
| Temperature | 5 - 50 °C |
| Package | EcoBox |
| Product size (L x W x H) | 140 x 150 x 85 mm |
| Package size (L x W x H) | 270 x 190 x 95 mm |
| Net weight | 1.47 kg |
| Gross weight | 1.57 kg |
| CE compatibility | Yes |
| FCC compatibility | No |
| RoHS compatibility | Yes |
| REACH compatibility | Yes |
| Included accessories | Power cable |
| EAN code | 5901720130921 |
| Warranty | 24 months |



# Description

**Akyga® AK-P3-600** 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, 2x **PCI 6+2-pin** connector, **EPS 4+4-pin** and a universal **24-pin** motherboard connector. An important feature are longer cables that allow easy installation in **bottom-mounting** cases. A 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



# Nameplate

akyga®
Professional Power Supply Solutions
ATX12V v2.31
Model:
AK-P3-600
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
PFC
EN 61000-3-12
Made in China
600W
PRO
Series