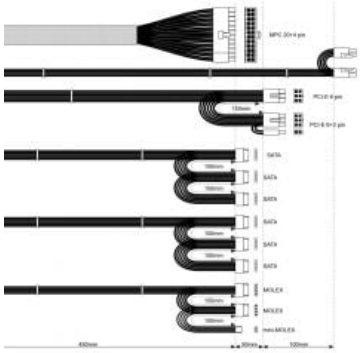
Computer power supply

Model: **AK-U4-600**

3

Product code	AK-U4-600
Product type	Computer power supply
Format	ATX 2.31
Series	Ultimate
Supply voltage	230 V
Power consumption	< 5 A
Efficiency	> 80 %
80 PLUS compatibility	Yes
80 PLUS certificate	Bronze
Current on the +3.3V rail	15 A
Current on the +5V rail	15 A
Maximum load on +3.3V and +5V line	103 W
Current on the +12V rail	45 A
Maximum load on 12V line	540 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	6 pcs
Modular power supply	No
PFC filter	Active
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	45 - 75 cm
The cable plug #1	Hybrid standard C/E/F (CEE 7/7)
The cable plug #2	IEC C13

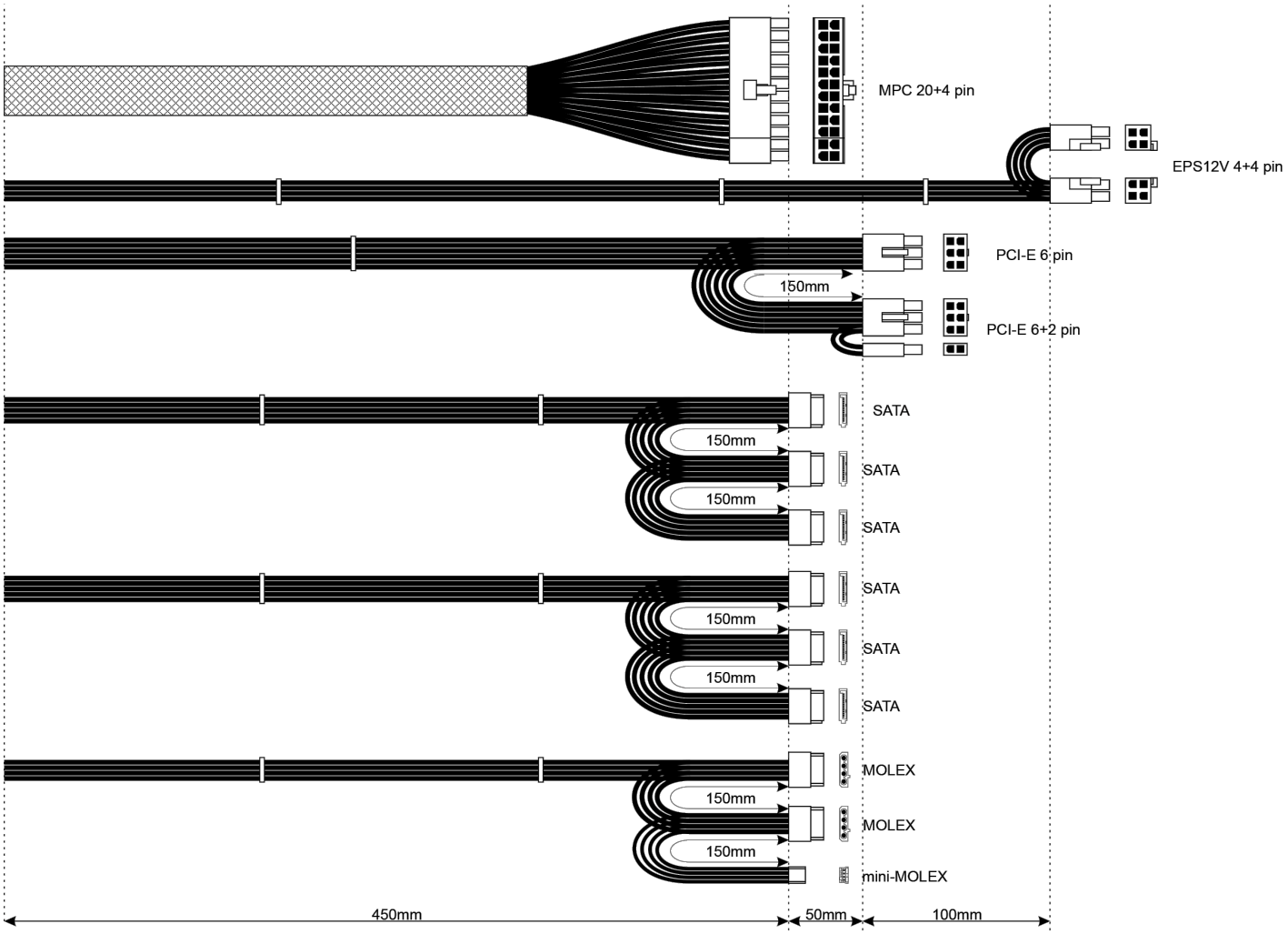
Power cable included	Yes
Material	Galvanized steel
Product color	Black
MTBF	100000 h
Temperature	5 - 50 °C
Package	EcoBox
Product size (L x W x H)	140 x 150 x 85 mm
Package size (L x W x H)	222 x 155 x 95 mm
Net weight	1.47 kg
Gross weight	1.55 kg
CE compatibility	Yes
FCC compatibility	No
RoHS compatibility	Yes
REACH compatibility	Yes
Included accessories	Cable IEC C13
EAN code	5901720134592
Warranty	36 months



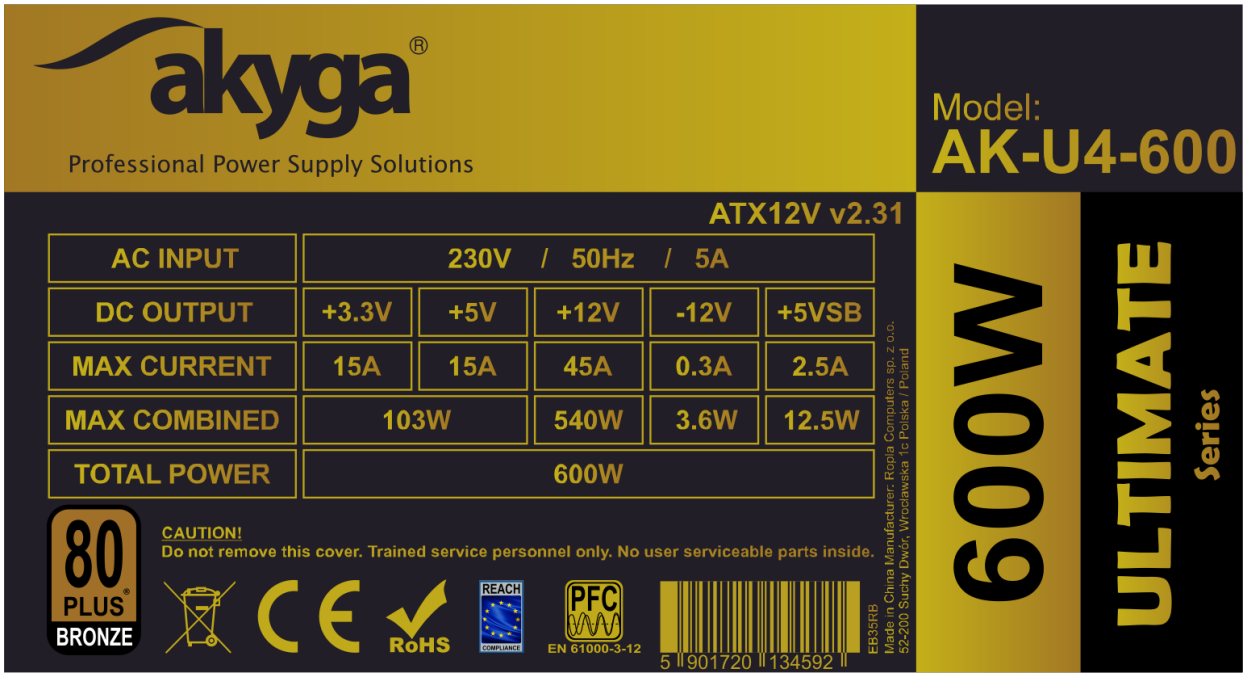
Description

Akyga® **AK-U4-600** ATX power supply **Ultimate** series **600W**, compatible with **ATX 2.31** standard.
Advanced parameters allow for use in complex configurations. The power supply has **6 SATA** connectors, **2 MOLEX** connectors, **mini-MOLEX** connector, **PCI-E 6+2-pin** connector, **PCI-E 6-pin** connector, **EPS12V 4+4-pin** connector and a universal **24-pin** motherboard connector. 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, UVP) and **active 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. Power cord included.
The guarantee of high efficiency is the **80 PLUS® certificate**, which ensures that at least 80% of the energy transferred by the power supply is received by the supplied components.

Cable map



Nameplate


akyga®
Professional Power Supply Solutions
Model:
AK-U4-600
ATX12V v2.31
AC INPUT 230V / 50Hz / 5A
DC OUTPUT +3.3V +5V +12V -12V +5VSB
MAX CURRENT 15A 15A 45A 0.3A 2.5A
MAX COMBINED 103W 540W 3.6W 12.5W
TOTAL POWER 600W
600W
ULTIMATE
Series
80 PLUS BRONZE
CAUTION!
Do not remove this cover. Trained service personnel only. No user serviceable parts inside.
RoHS
REACH
PFC
EN 61000-3-12
5 901720 134592
EB35RB
Made in China Manufacturer: Ropia Computers sp. z o.o.
52-200 Suchy Dwór, Wrocławska 1c Polska / Poland