akyga®

Computer power supply
Model: **AK-U4-400**

Product code	AK-U4-400
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
Current on the +3.3V rail	19 A
Current on the +5V rail	20 A
The combined power of +3.3V and +5V	120 W
Current on the +12V rail	27 A
Maximum load on 12V line	324 W
Maximum power	400 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	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
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

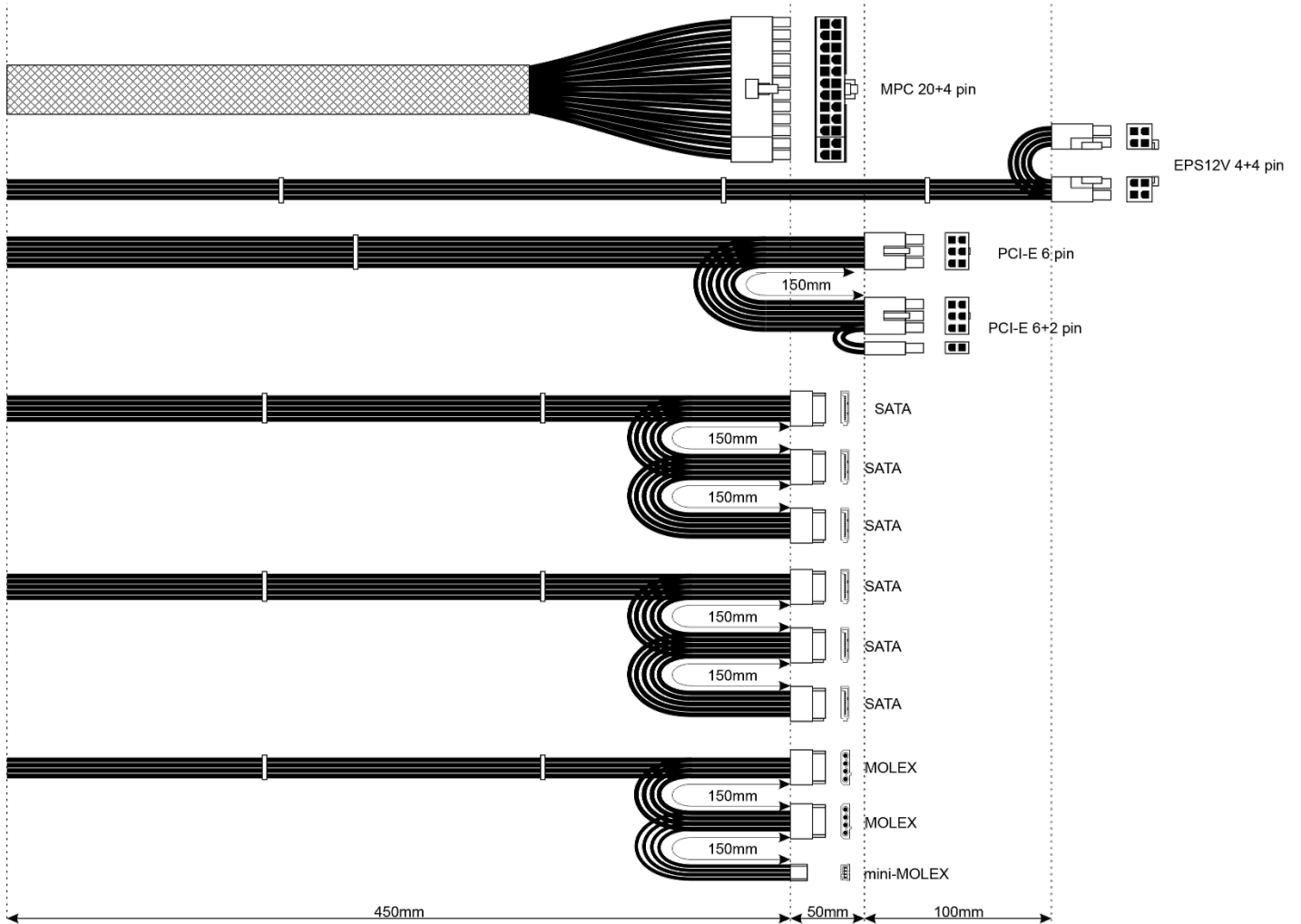|	
Power cable included	Yes
Material	Galvanized steel
Product color	Black
MTBF	100000 h
Temperature	5 - 50 °C
Package	EcoBox
Product size (L x W x H)	140 x 150 x 85 mm
Package size (L x W x H)	222 x 155 x 95 mm
Net weight	1.19 kg
Gross weight	1.43 kg
CE compatibility	Yes
FCC compatibility	No
RoHS compatibility	Yes
REACH compatibility	Yes
Included accesories	Cable AK-PC-01C
EAN code	5901720131423

Description

Modern, technologically advanced **Akyga** power supply **Ultimate** series **400W** made of highest quality components, dedicated to advanced users for supplying PC computers.

Compatible with **ATX 2.31**, equipped with **6x SATA** connectors, **2x MOLEX** connectors, **mini-MOLEX** connector, **PCI-E 6+2-pin** connector, **PCI-E 6-pin** connector, **EPS12V 4+4-pin** connector and an universal **20+4-pin** motherboard connector. The power supply is characterized by high efficiency - generates maximum continuous power **400W**, while low power consumption. A guarantee of high efficiency is the **80 PLUS**® compatibility which ensures that at least **80%** of energy provided by the power supply is received by computer's components and 20% or less energy is lost in the form of heat. Excellent optimal cooling is provided by **12 cm** silent fan with **automatic speed control** and chromed grill. A manual **on/off switch** allows user to safely cut off power without having to disconnect the cord from the network.

The power supply is equipped with **active PFC filter** and several important protectors (OVP, OCP, OPP, OTP, SCP) prevents motherboard, processor and other parts from damage and stabilize the operation of the power supply so that it works without any unwanted interference. The **AK-U4-400 power supply** is a high-quality product that meets the current requirements and fulfills modern standards.

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

Cable map

MPC 20+4 pin

EPS12V 4+4 pin

PCI-E 6 pin

150mm

PCI-E 6+2 pin

SATA

150mm

SATA

150mm

SATA

SATA

150mm

SATA

150mm

SATA

MOLEX

150mm

MOLEX

150mm

mini-MOLEX

450mm   50mm   100mm

Nameplate

AC INPUT	230V / 50Hz / 5A			
DC OUTPUT	+3,3V	+5V	+12V	-12V	+5VSB
MAX CURRENT	19A	20A	27A	0,5A	2A
MAX COMBINED	120W		324W		16W
TOTAL POWER	400W				

AC INPUT	230V / 50Hz / 5A				
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TOTAL POWER	400W				

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

RoHS   CE   PFC   Made in China
EN 61000-3-12

ATX12V v2.31 Model: **AK-U4-400**

400W ULTIMATE Series