Computer power supply

Model: **AK-B1-950**

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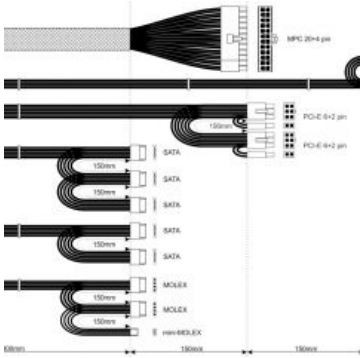
Product code	AK-B1-950
Product type	Computer power supply
Format	ATX 2.31
Series	Basic
Supply voltage	230 V
Power consumption	< 5 A
Efficiency	> 70 %
80 PLUS compatibility	No
80 PLUS certificate	None
Current on the +3.3V rail	35 A
Current on the +5V rail	38 A
Maximum load on +3.3V and +5V line	300 W
Current on the +12V rail	54 A
Maximum load on 12V line	648 W
Maximum power	950 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	Active
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
Power cable included	No
Material	Galvanized steel

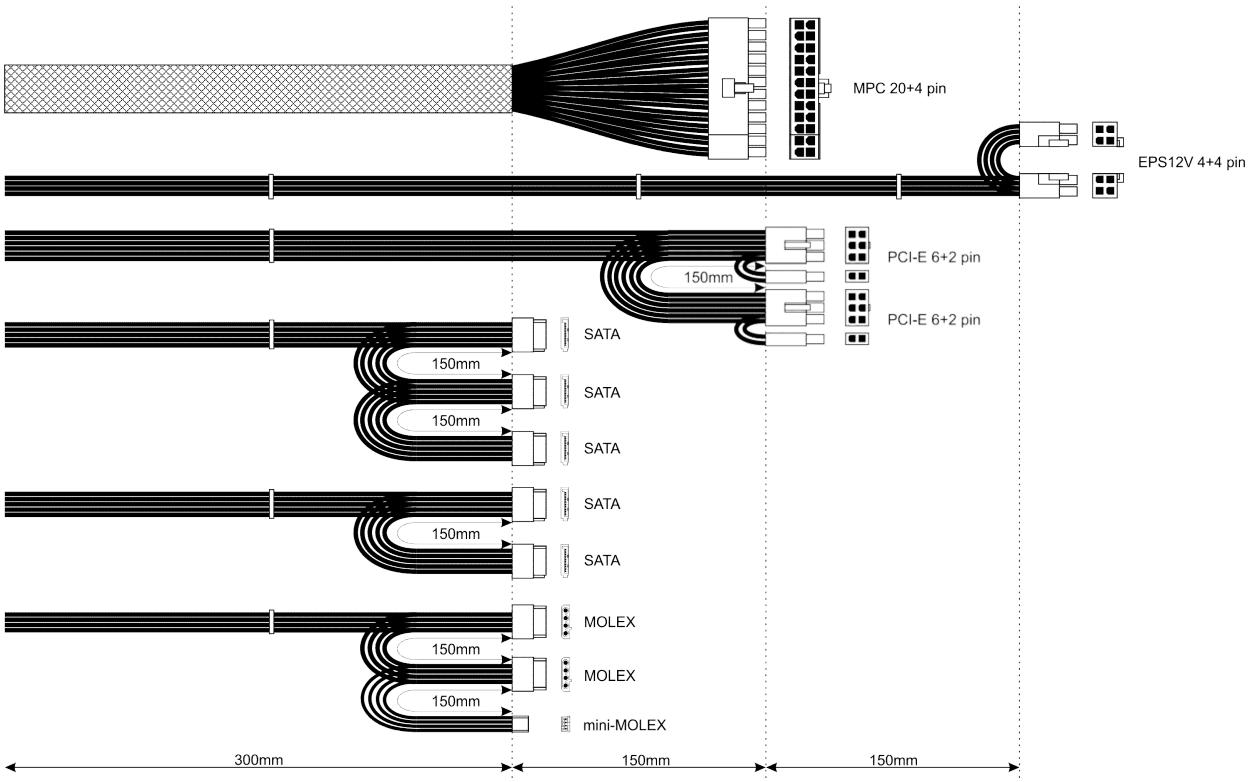
Product color	Grey
MTBF	100000 h
Temperature	5 - 50 °C
Package	EcoBox
Product size (L x W x H)	160 x 150 x 85 mm
Package size (L x W x H)	260 x 180 x 95 mm
Net weight	1.26 kg
Gross weight	1.33 kg
CE compatibility	Yes
FCC compatibility	No
RoHS compatibility	Yes
REACH compatibility	Yes
EAN code	5901720135100
Warranty	24 months



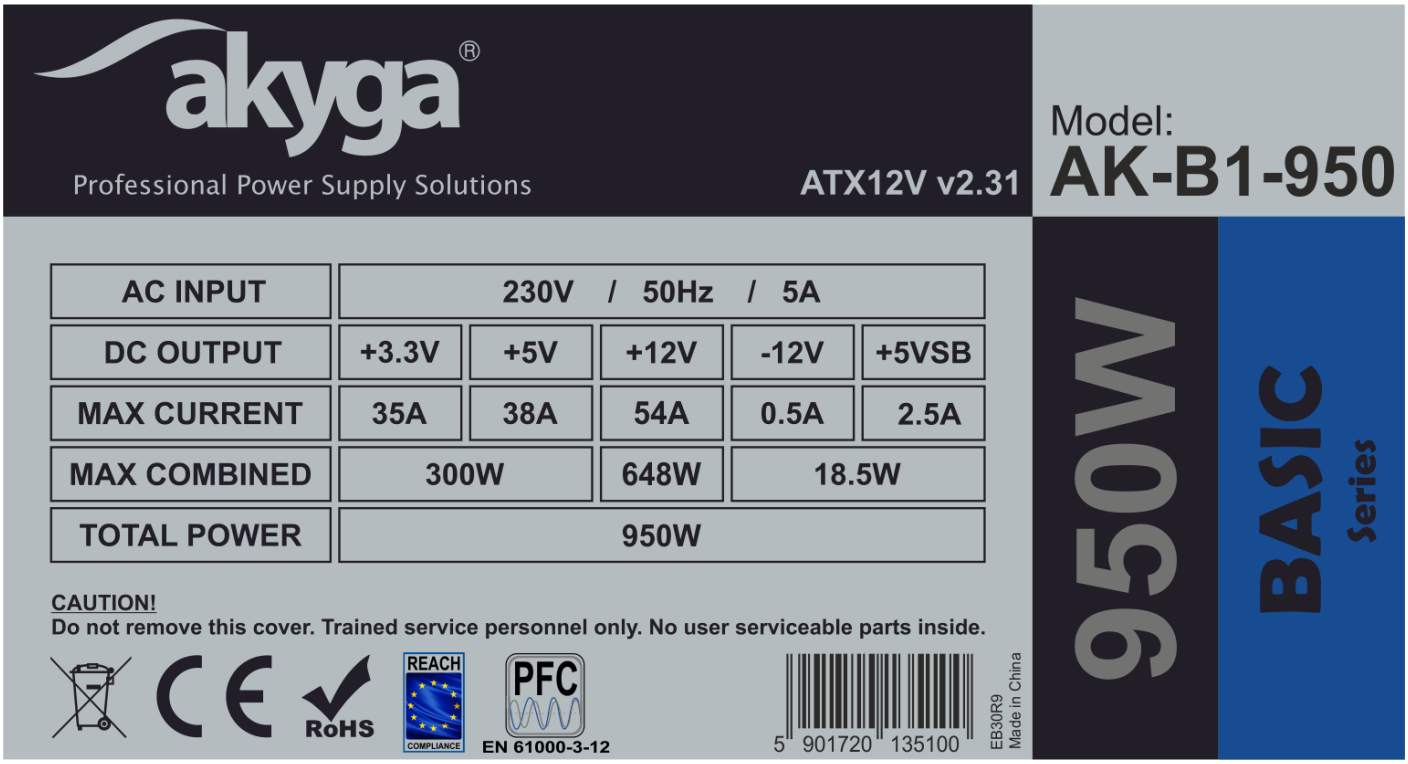
Description

Akyga® AK-B1-950 ATX power supply 950W is one of the basic power supplies in our offer dedicated to power desktop computers. It has an active PFC filter, which makes the power supply has much higher efficiency than regular power supplies with a passive filter.
Made of high quality components, the power supply has 5x SATA connectors, 2x MOLEX connectors, mini-MOLEX connector, EPS12V 4+4pin connector, PCI-E 6-pin connector, PCI-E 6+2pin connector and an universal 24pin 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) 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.

Cable map



Nameplate


akyga®
Professional Power Supply Solutions
ATX12V v2.31
Model:
AK-B1-950
AC INPUT 230V / 50Hz / 5A
DC OUTPUT +3.3V +5V +12V -12V +5VSB
MAX CURRENT 35A 38A 54A 0.5A 2.5A
MAX COMBINED 300W 648W 18.5W
TOTAL POWER 950W
CAUTION!
Do not remove this cover. Trained service personnel only. No user serviceable parts inside.
RoHS
REACH
COMPLIANCE
PFC
EN 61000-3-12
5 901720 135100
EB30R9
Made in China
950W
BASIC
Series