Computer power supply

Model: **AK-B1-500E**

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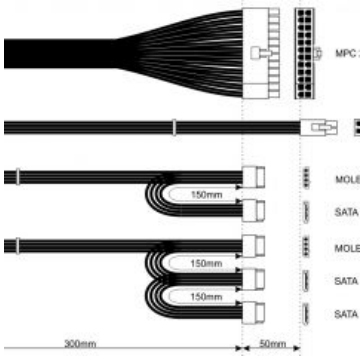
Product code	AK-B1-500E
Product type	Computer power supply
Format	ATX 2.31
Series	Basic
Power consumption	< 5 A
Efficiency	> 70 %
80 PLUS compatibility	No
80 PLUS certificate	None
Current on the +3.3V rail	30 A
Current on the +5V rail	34 A
Maximum load on +3.3V and +5V line	250 W
Current on the +12V rail	21 A
Maximum load on 12V line	252 W
Maximum power	500 W
Mainboard Power Connector	24-pin
Power connector ATX12V P4	1 pc
Power connector EPS12V 8 pin	None
Power connector PCI-E 6 pin	None
Power connector PCI-E 6+2 pin	None
Power connector PCI-E 8 pin	None
Molex connector	2 pcs
Mini-Molex connector	None
SATA connector	3 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
Power cable included	No
Material	Galvanized steel
Product color	Grey

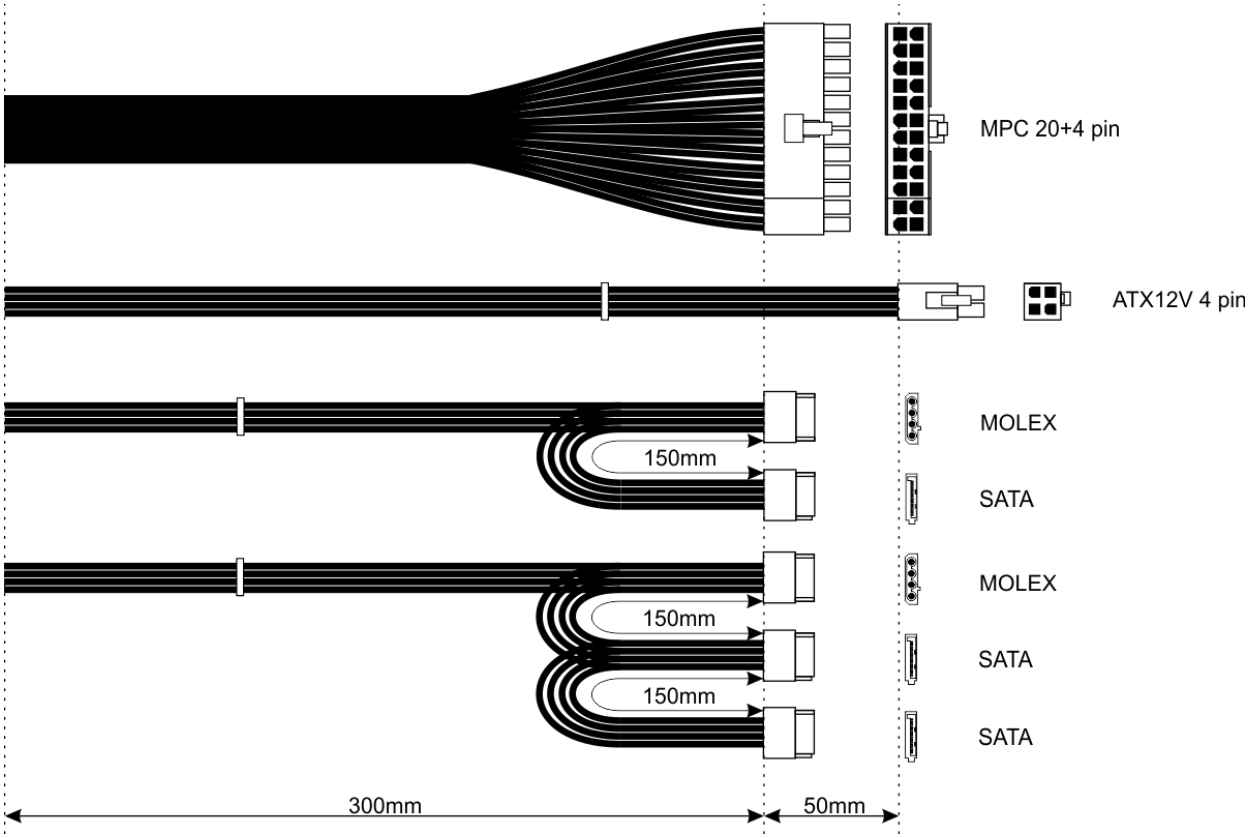
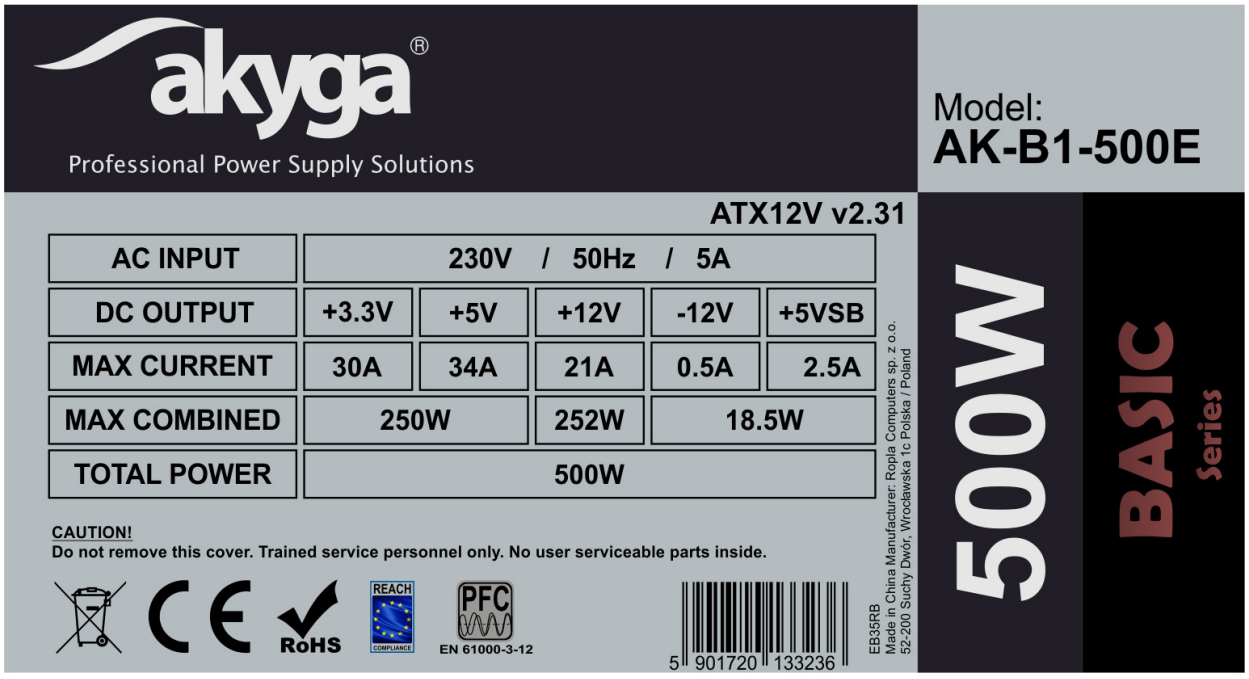
MTBF	100000 h
Temperature	5 - 50 °C
Package	EcoBox
Product size (L x W x H)	200 x 150 x 85 mm
Package size (L x W x H)	220 x 160 x 95 mm
Net weight	1.01 kg
Gross weight	1.09 kg
CE compatibility	Yes
FCC compatibility	No
RoHS compatibility	Yes
REACH compatibility	Yes
EAN code	5901720133236
Warranty	24 months



Description

Akyga® **AK-B1-500E** ATX power supply **500W** is one of the basic power supplies in our offer dedicated to power desktop computers.
Made of high quality components, the power supply has a **3x SATA** connectors, **2x MOLEX** connectors, **P4 4-pin** connector and an universal **24-pin** motherboard connector. Supports **ATX 12V 2.0** specifications, so it can be used with current and next generation of platforms with multi-core processors. 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.

Cable map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