Computer power supply

Model: **AK-I2-150**

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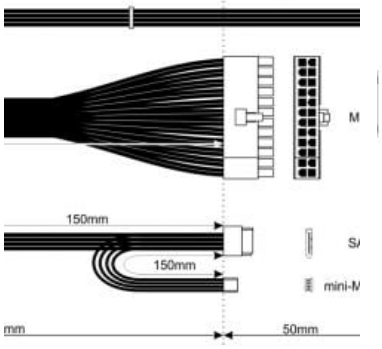
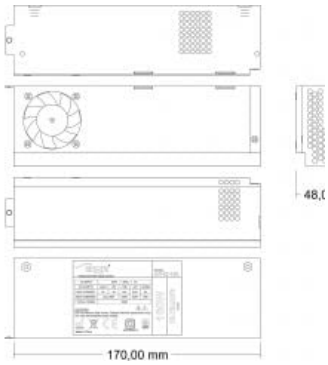
Product code	AK-I2-150
Product type	Computer power supply
Format	ITX
Series	Ultimate
Supply voltage	230 V
Power consumption	< 2 A
Efficiency	> 80 %
80 PLUS compatibility	Yes
Current on the +3.3V rail	3 A
Current on the +5V rail	3 A
Maximum load on +3.3V and +5V line	65 W
Current on the +12V rail	10 A
Maximum load on 12V line	120 W
Maximum power	150 W
Power inlet	IEC C5
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	None
Mini-Molex connector	1 pc
SATA connector	1 pc
PFC filter	Active
Mechanical switch	None
Ground wire	Yes
OVP	Yes
OCP	Yes
OPP	Yes
OTP	Yes
SCP	Yes
UVP	None
Fan size	40 mm
Fan adjustments	Automatic
Cable length	30 - 35 cm
Power cable included	None
Material	Galvanized steel
Product color	Grey
MTBF	100000 h

Temperature	5 - 50 °C
Package	Foil
Product size (L x W x H)	170 x 55 x 48 mm
Package size (L x W x H)	198 x 112 x 49 mm
Net weight	532.2 g
Gross weight	533.2 g
CE compatibility	Yes
FCC compatibility	No
RoHS compatibility	Yes
REACH compatibility	Yes
EAN code	5901720132925
Warranty	24 months

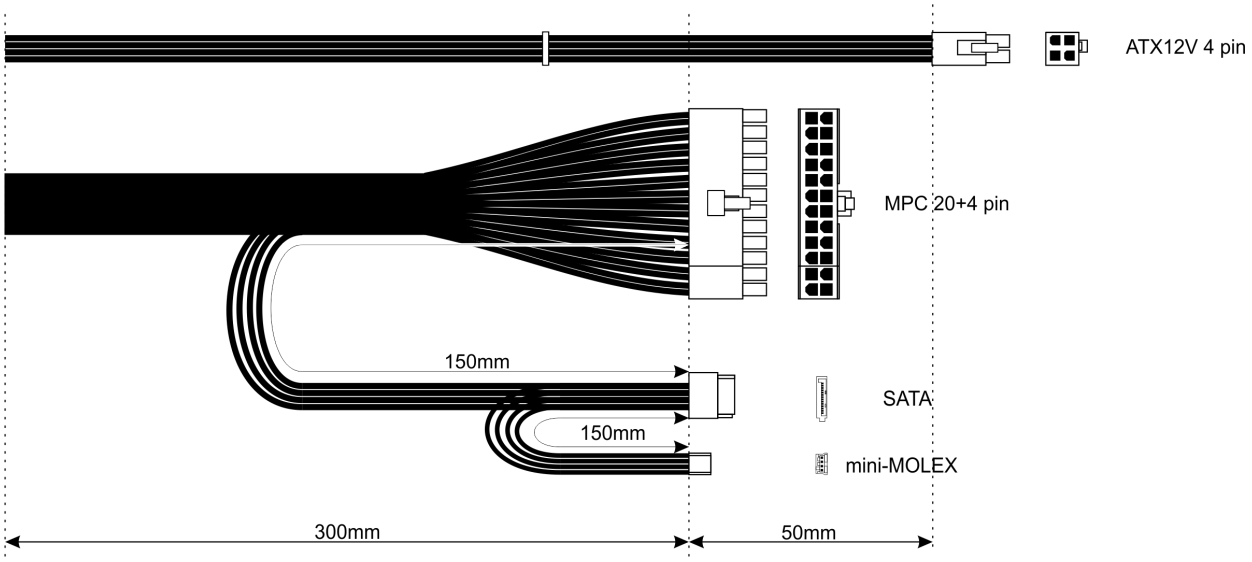
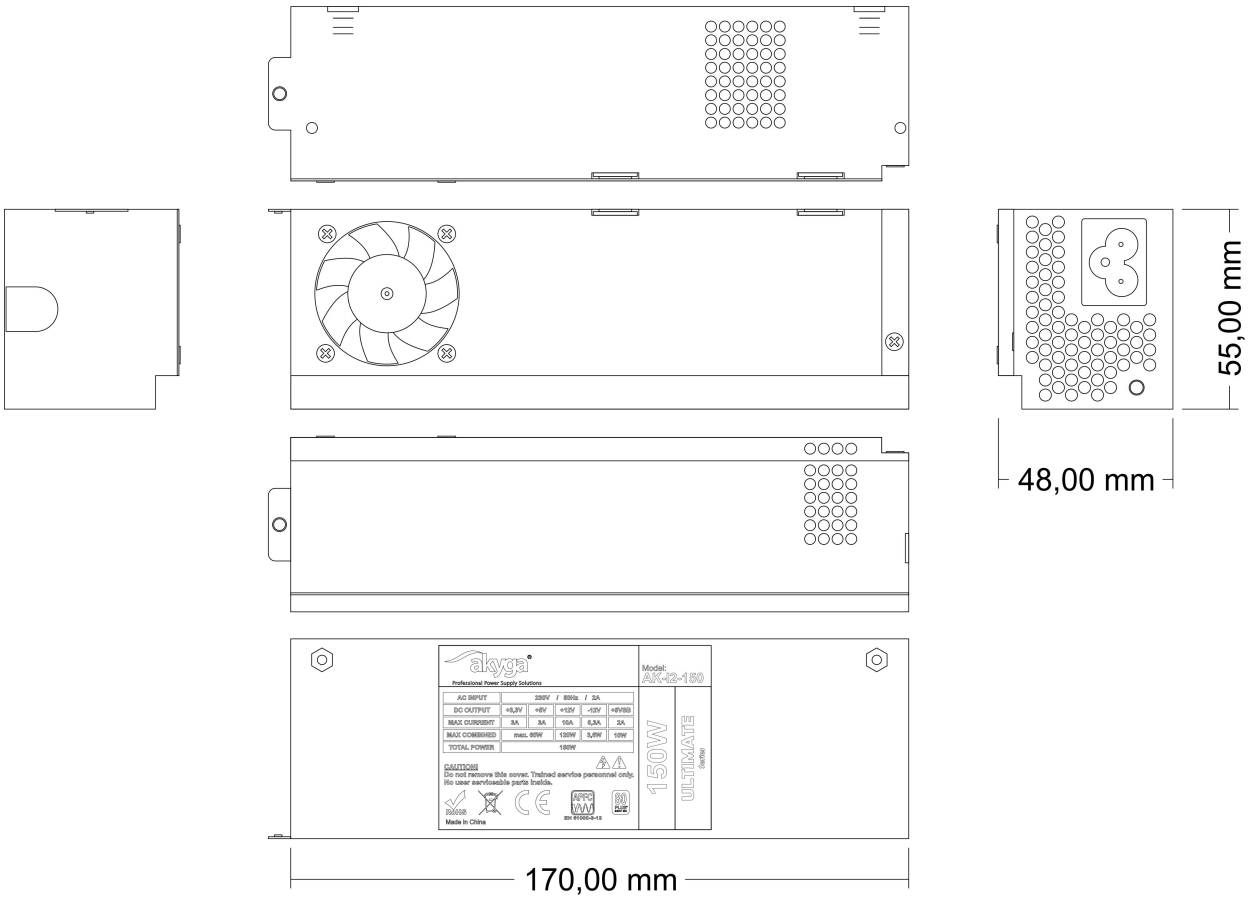




Description

Modern ITX power supply Akyga® AK-I2-150 Ultimate series **150W**, dedicated especially for mini-ITX cases.
The power supply is equipped with **P4 4-pin** connector, **MOLEX** connector, **SATA** connector and a universal **24-pin** motherboard connector. 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 a maximum of 20% of energy is lost in the form of heat. High efficiency allows effective supplying and so the stable operation of the power supply affects the reliability of all components of the computer. Effective cooling is provided by efficient, silent fan of **4 cm** diameter with automatic speed control.
An important aspect is the presence of several important protectors (OVP, OCP, OPP, OTP, SCP) and an **active PFC filter** that protects and prevents motherboard, processor and other 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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