



Computer power supply

Model: **AK-P3-650**



Product code	AK-P3-650
Product type	Computer power supply
Format	ATX 2.31
Series	Pro
Supply voltage	230 V
Power consumption	< 5 A
Efficiency	> 70 %
80 PLUS compatibility	No
Current on the +3.3V rail	17 A
Current on the +5V rail	18 A
Maximum load on +3.3V and +5V line	140 W
Current on the +12V rail	42 A
Maximum load on 12V line	504 W
Maximum power	650 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	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	Yes
Material	Galvanized steel
Product color	Black

Backlight color	RGB
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)	270 x 190 x 95 mm
Net weight	1.47 kg
Gross weight	1.57 kg
CE compatibility	Yes
FCC compatibility	No
RoHS compatibility	Yes
REACH compatibility	Yes
Included accessories	Cable AK-PC-01A
EAN code	5901720135094
Warranty	24 months



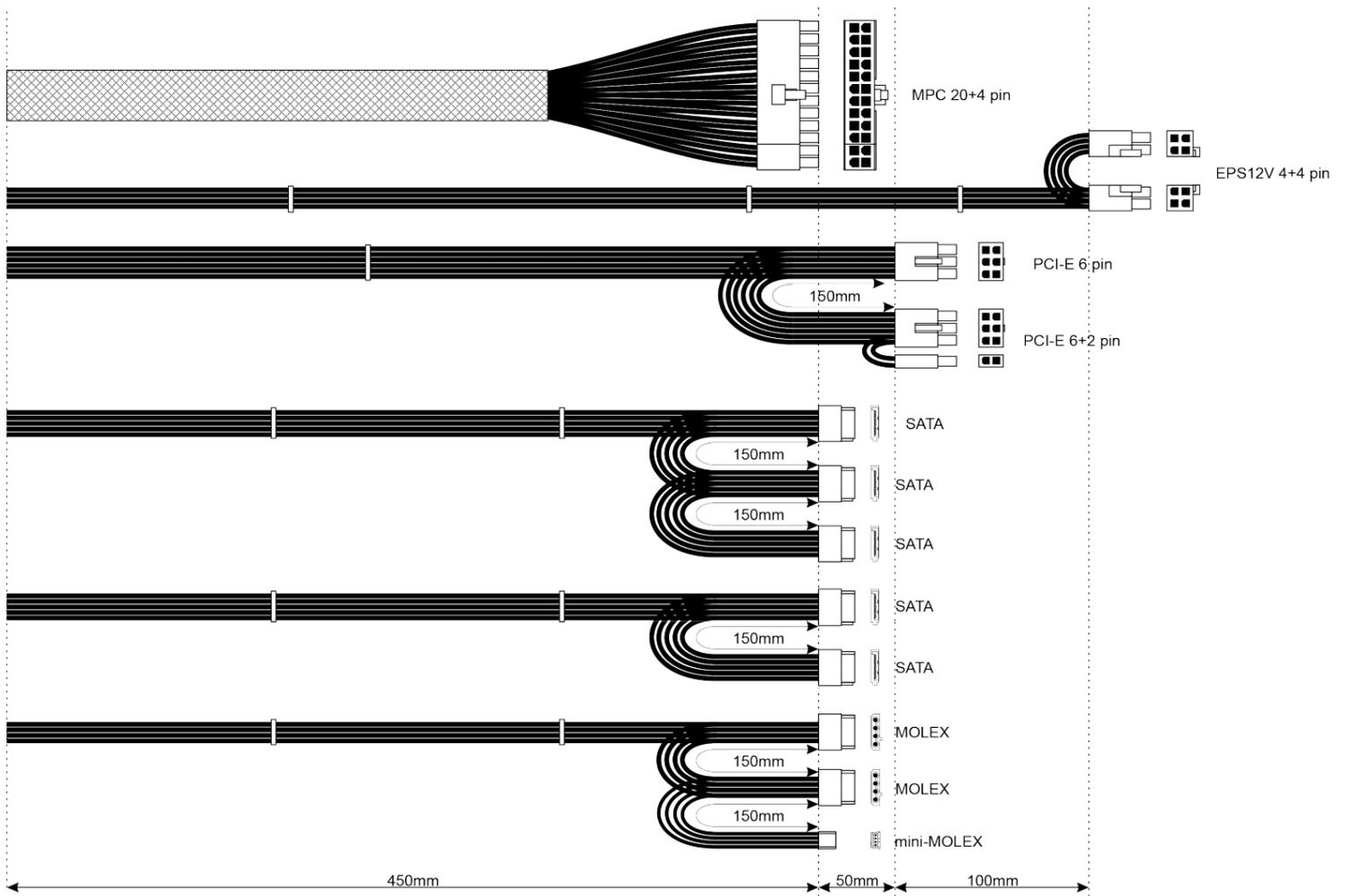
Description

Akyga® **AK-P3-650** ATX power supply **Pro** series **650W**, compatible with **ATX 2.31** standard is a high quality device, which works well in complex configurations requiring high efficiency. The power supply has **5 SATA** connectors, two **MOLEX** connector, **mini-MOLEX** connector, **PCI 6-pin** connector, **PCI-E 6+2-pin** connector, **EPS 4+4-pin** and a universal **24-pin** motherboard connector. An important feature are longer cables that allow easy installation in **bottom-mounting** cases. A silent and backlit with RGB diodes 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 and switch to change the color of the fan backlight. 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.

1.5 m power cord included.

Cable map



Nameplate



Professional Power Supply Solutions

ATX12V v2.31

Model:
AK-P3-650

AC INPUT	230V / 50Hz / 5A				
DC OUTPUT	+3.3V	+5V	+12V	-12V	+5VSB
MAX CURRENT	17A	18A	42A	0.5A	2.5A
MAX COMBINED	140W		504W	18,5W	
TOTAL POWER	650W				

650W

PRO
Series

CAUTION!

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



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Made in China