akyga®

Computer power supply
Model: **AK-S1-300**

AC INPUT		230V	/	50Hz	/	5A	
DC OUTPUT	+3,3V	+5V		+12V	-12V		+5VSB
MAX CURRENT	9A	13A		17A	0,5A		2.5A
MAX COMBINED		90W		204W		16W	
TOTAL POWER				300W			

Model:
AK-S1-300

300W **PRO** *Series*

EB35RB

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

RoHS CE APFC
EN 61000-3-12

Made in China Manufacturer: Ropla Computers sp. z o.o.
52-200 Suchy Dwór, Wrocławska 1c Polska / Poland

5 901720 135117

Input
AC 230V

3

Product code	AK-S1-300
Product type	Computer power supply
Format	SFX
Series	Pro
Supply voltage	230 V
Power consumption	< 5 A
Efficiency	> 70 %
80 PLUS compatibility	No
Current on the +3.3V rail	9 A
Current on the +5V rail	13 A
Maximum load on +3.3V and +5V line	90 W
Current on the +12V rail	17 A
Maximum load on 12V line	204 W
Maximum power	300 W
Mainboard Power Connector	24-pin
Power connector ATX12V P4	1 pc
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	2 pcs
PFC filter	Passive
Ground wire	Yes
OVP	Yes
OCP	Yes
OPP	Yes
OTP	Yes
SCP	Yes
UVP	Yes
Power supply connector	IEC C14
Fan size	80 mm
Fan adjustments	Automatic
Cable length	30 - 60 cm
Power cable included	Yes
Material	Galvanized steel
Product color	Black
MTBF	100000 h
Temperature	5 - 50 °C
Package	Foil

|	
Product size (L x W x H)	63,5 x 125 x 100 mm
Package size (L x W x H)	63,5 x 125 x 150 mm
Net weight	0.8 kg
Gross weight	0.8 kg
CE compatibility	Yes
FCC compatibility	No
RoHS compatibility	Yes
REACH compatibility	Yes
EAN code	5901720135117
Warranty	24 months
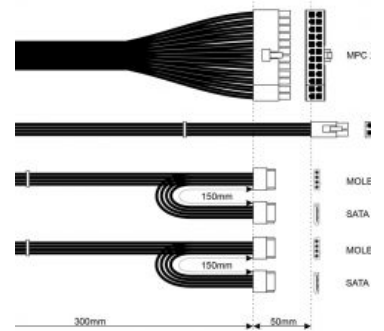
Description

The modern SFX Akyga® AK-S1-300 Pro series power supply with 300W power has been designed for mounting in compact computer enclosures in which space is limited.
SFX has been equipped with a P4 4pin power connector, 2 MOLEX connectors, 2 SATA connectors and a universal 24pin connector for motherboards. For a better cooling effect, it has an 80 mm silent fan with automatic speed control. The power supply is characterized by high efficiency above 70%. It was made of durable, galvanized steel.

The PFC filter and a number of protections (OVP, OCP, OPP, OTP, SCP, UVP) ensure stability of both the power supply itself and the powered components, protecting against damage, including motherboard and processor.
In the set with the power supply there is a power cable.

Cable map
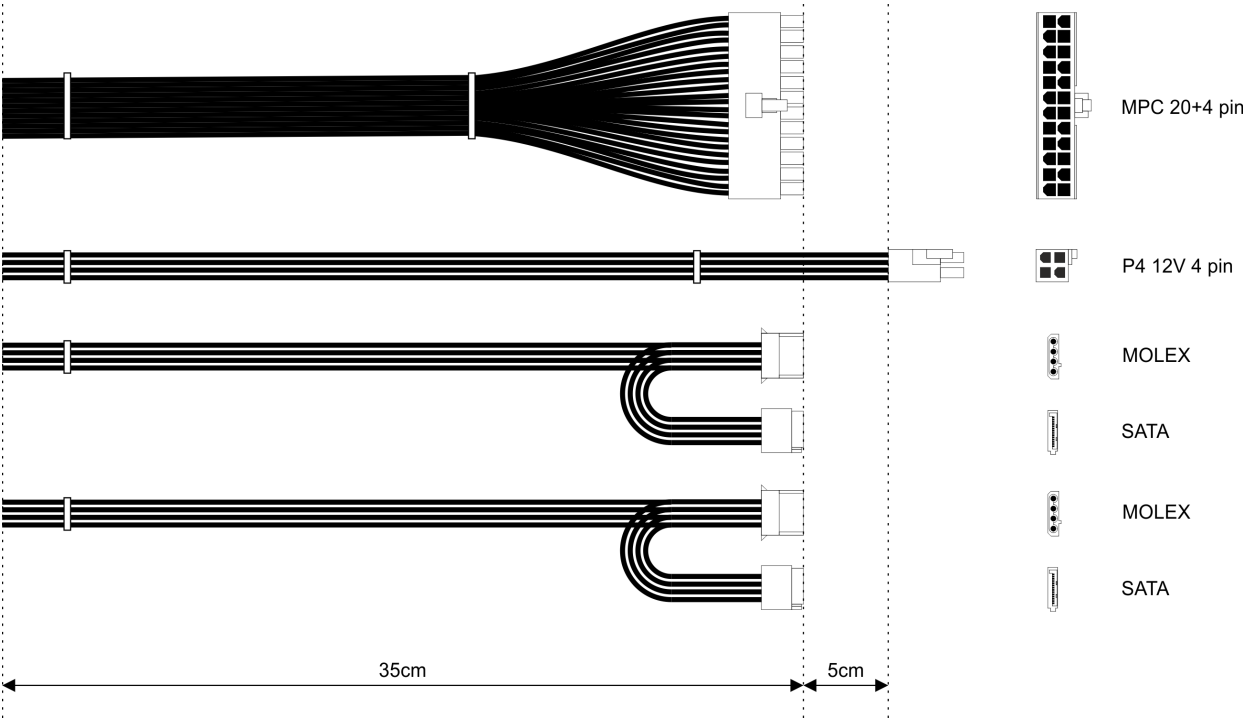
MPC 20+4 pin

P4 12V 4 pin

MOLEX

SATA

MOLEX

SATA

35cm

5cm

Nameplate

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300W

PRO Series

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