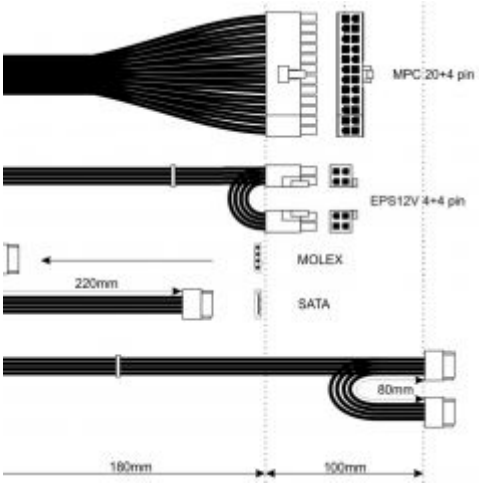
Computer power supply

Model: **AK-T1-300**

3

Product code	AK-T1-300
Product type	Computer power supply
Format	TFX
Series	Ultimate
Supply voltage	230 V
Power consumption	< 3 A
Efficiency	> 80 %
80 PLUS compatibility	Yes
Current on the +3.3V rail	15 A
Current on the +5V rail	15 A
Maximum load on +3.3V and +5V line	100 W
Current on the +12V rail	20 A
Maximum load on 12V line	240 W
Maximum power	300 W
Power inlet	IEC C14
Mainboard Power Connector	24-pin
Power connector EPS12V 8 pin	1 pc (4 + 4-pin)
Power connector PCI-E 6 pin	None
Power connector PCI-E 6+2 pin	None
Power connector PCI-E 8 pin	None
Molex connector	1 pc
Mini-Molex connector	None
SATA connector	3 pcs
PFC filter	Active
Ground wire	Yes
OVP	Yes
OCP	Yes
OPP	Yes
OTP	Yes
SCP	Yes
UVP	Yes
Fan size	80 mm
Fan adjustments	Automatic
Cable length	8 -36 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)	175 x 85 x 65 mm
Package size (L x W x H)	252 x 110 x 68 mm
Net weight	836.4 g
Gross weight	846.4 g
CE compatibility	Yes
FCC compatibility	No
RoHS compatibility	Yes
REACH compatibility	Yes
EAN code	5901720132857
Warranty	24 months



Description

The **Akyga® TFX** power supply **300W** is an advanced, compact power adapter dedicated to mini and media PC systems. It supports all the latest construction standards, ensuring high performance and stability.
The power supply features a **4-pin** connector, **MOLEX** connector, **3 x SATA** connector and 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 **8 cm** diameter. The power supply is ideal for small and medium-sized cases thanks to optimized **36 cm** long set of cables. Product is made of durable galvanized steel.
An important aspect is the presence of several important protectors (OVP, OCP, OPP, OTP, SCP, UVP) and **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. The TFX **AK-T1-300** power supply is a high quality product that meets the current requirements and corresponds to modern standards.