



AC/DC adapter

Model: **AK-ND-85**



Product code	AK-ND-85
Product type	AC/DC adapter
Compatible with	Mini PC, LED
Series	Dedicated
Responsible Entity	Akyga Europe Sp. z o.o., 52-200 Suchy Dwór, Wrocławska 1c, Polska/Poland, contact@akyga.com
Supply voltage	100-250 V
Power consumption	< 1.5 A
Efficiency	> 80 %
Output voltage	12 V
Output amperage	5 A
Outlet cord length	1.2 m
Output connector	5.5 x 2.5 mm
Maximum power	90 W
Power inlet	IEC C6
Mechanical switch	None
Ground wire	Yes
Soft start	Yes
OVP	Yes
OCP	Yes
OPP	Yes
OTP	Yes
SCP	Yes
USB connector	None
Power cable included	No
Material	ABS
Product color	Black
Backlight color	Green LED
Display	None
MTBF	100000 h
Temperature	5 - 50 °C
Package	EcoBox
Product size (L x W x H)	114 x 49 x 30 mm
Package size (L x W x H)	190 x 92 x 38 mm
Net weight	245 g
Gross weight	294 g
CE compatibility	Yes
FCC compatibility	Yes
RoHS compatibility	Yes
REACH compatibility	Yes

EAN code 5906708750153

Warranty 24 months



Description

The Akyga® **AK-ND-85 power adapter** is a robust energy solution, dedicated to devices requiring a **stable voltage of 12 V** and a higher current of 7.5 A. With a **power output of 90 W**, it is ideal choice for devices with higher energy demands, such as LED lighting, monitors, routers, printers or home automation and monitoring systems. The power supply ensures long-lasting, stable and efficient operation of devices, eliminating the risk of voltage drops.

Power Adapter for LED Lighting and More

The Akyga® AK-ND-85 **12V power adapter** is equipped with a **5.5x2.5 mm plug**, which makes it compatible with a wide range of devices. It can be used to power a variety of equipment, including notebooks, routers or CCTV systems, making it a versatile solution for multiple applications.

User Safety - Advanced Protection Features

The Akyga® AK-ND-85 **LED power supply** offers a comprehensive protection system (OVP, OCP, OPP, OTP, SCP), protecting both devices and the power supply itself against overvoltage, overload, overheating or short circuits. In addition, soft-start technology minimises the risk of damage to equipment by a sudden surge of current during start-up, significantly increasing user safety.

12 V Power Adapter - Performance in Any Environment

The robust construction and compact design make the AK-ND-85 switching power supply an excellent choice for both home and office applications. It can operate in demanding conditions, ensuring reliability for a long time. What's more, the compact design allows the power supply to be easily portable and conveniently stored.