



## 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  |
| Pin Length               | 12 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) | 125 x 50 x 33 mm  |
| Package size (L x W x H) | 236 x 95 x 40 mm  |
| Net weight               | 237 g   |
| Gross weight             | 311 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.