LED power supply

Model: **AK-L1-050**

Product code	AK-L1-050
Product type	LED power supply
Series	Pro
Supply voltage	100-265 V
Mechanical switch	None
IP Rating	IP20
OVP	Yes
OCP	Yes
OPP	Yes
OTP	Yes
SCP	Yes
Power supply connector	Screw
Temperature	5 - 50 °C
Package	Carton box
Product size (L x W x H)	110x78x37 mm
Package size (L x W x H)	113x83x43 mm
Net weight	186 g
Gross weight	204 g
CE compatibility	Yes
RoHS compatibility	Yes
REACH compatibility	Yes
EAN code	5901720134981
Warranty	24 months

Description

The **Akyga® AK-L1-050** is a **50W** power supply for industrial automation systems, machine control and lighting based on **LED technology**, which is used in powering LED strips, LED bulbs, LED panels, RGB LED drivers and other electronic equipment powered with **10.5 - 14V DC**, which is regulated by a potentiometr. The current capacity of **4.2A** allows to supply for example a **10m** LED strip with parameters 4.8 W/m.
In order to properly match the power supply with the LED strip, multiply the length of the strip expressed in meters by the power of the tape, and then select the power supply with a margin of min. 10% to guarantee long and trouble-free system operation, unless the manufacurer of the LED strip recommends otherwise.