LED power supply

Model: **AK-L1-100**

Product code	AK-L1-100
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)	160x98x42 mm
Package size (L x W x H)	165x103x47 mm
Net weight	338 g
Gross weight	363 g
CE compatibility	Yes
RoHS compatibility	Yes
REACH compatibility	Yes
EAN code	5901720135001
Warranty	24 months

Description

The Akyga® **AK-L1-100** is a **100W** 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 **11 - 15V DC**, which is regulated by a potentiometr. The current capacity of **8.3A** allows to supply for example a **20m** LED strip with parameters 4.8 W/m. There is a possibility to power **two different circuit** in one time.
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.