



LED power supply

Model: **AK-L1-150**



Product code	AK-L1-150
Product type	LED power supply
Series	Pro
Supply voltage	100-265 V
Voltage adjustment	11 - 15 V
Efficiency	80 %
Output voltage	12 V
Hold time	50 ms
Start time	1000 ms
Rise time	30 ms
Output amperage	12.5 A
Output connector	Screw
Maximum power	150 W
Mechanical switch	None
Hermetic casing (waterproof)	No
IP Rating	IP20
OVP	Yes
OCP	Yes
OPP	Yes
OTP	Yes
SCP	Yes
Power supply connector	Screw
Ferrite filter	Yes
Temperature	5 - 50 °C
Storage temperature	-40 / +80 °C
Package	Carton box
Product size (L x W x H)	199x97x42 mm
Package size (L x W x H)	202x103x42 mm
Net weight	439 g
Gross weight	473 g
CE compatibility	Yes
RoHS compatibility	Yes
REACH compatibility	Yes
EAN code	5901720135018
Warranty	24 months





Description

The Akyga® **AK-L1-150** is a **150W** 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 potentiometer. The current capacity of **12.5A** allows to supply for example a **31m** 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 manufacturer of the LED strip recommends otherwise.