

LDV60 SERIES

Constant Voltage LED Power Supply: 60 Watts



RELEASE DATE: LDV60 Apr 2010

General Specifications

Input Voltage	90 ~ 264VAC
Power Factor	>0.9
Frequency	47 ~ 63Hz
Output Power	60 watts
Output Voltage	12 / 24vdc
Efficiency	80%
Voltage Range	Fixed (5% accuracy)
Minimum Load	Zero
Regulation-Line	±2%
Regulation-Load	±5%
Ripple & Noise	1%mv pk-pk (20MHz bandwidth)
Turn-on Delay	200ms, measured at 230vac 100% load
Isolation	Input ~ output: 3000VAC Input ~ Chassis: 1500VAC Output ~ Chassis: 500VDC <ul style="list-style-type: none">Input-Output isolation test not be carried out on these power supplies.
Insulation	Class II
Protection	OVP Latching Overload / short circuit protection
Safety	EN61347-1, UL1310
No Load Power	N/A
EMC	EN55015, EN55022 Conducted Lev B EN55015, EN55022 Radiated Lev B
Immunity	EN61000-4- (4KV L-E)
Operating Temp.	-30°C to +60°C at 100% load
Humidity	15 ~ 90% RH
IP Rating	IP66
Connections	Input & output cable, 300 / 300mm
Dimensions	242 x 43 x 30mm 200g

Features

- **Constant Voltage** LED power supply
- Universal input voltage 90 ~ 264Vac
- Output voltage 12 and 24vdc options
- IP66 weatherproof enclosure
- Overvoltage protection
- Short Circuit protection
- -30°C to +60°C operation
- EN55015 Conducted Level B
- EN55015 Radiated Level B
- EN61347 Compliant

Description

The **LDV60** series of “**Constant Voltage** power supply, delivering 12 watts is a very compact package.

With efficiencies of up to 80% and IP66 protection, they provide high reliability and performance.

Suitable for a wide range of LED Driver applications.
Contact office for LED configuration application notes.

Model	Output V	Output A	Power W
LDV60-12-5R0	12V	5.0A	60W
LDV60-24-2R5	24V	2.5A	60W