

60W 24V DC LED Power Supply, Single Output, 100–130VAC Input, ETL Listed

OVERVIEW

The P-60-24-ETL is a single-output switching power supply designed to drive 24V DC LED lighting systems in commercial and industrial applications. It accepts 100–130VAC input and delivers a regulated 24V DC output at up to 2.5A continuous current, with a rated output of 60W.

The supply operates across a working temperature range of -20°C to +50°C at up to 90% RH (non-condensing) and carries a typical efficiency of 87% at full load. Output voltage is adjustable within the 22.5–25V range. Overload protection engages at 105–135% of rated output via constant current limiting and recovers automatically once the fault condition is cleared. Overvoltage protection shuts down the output and requires a re-power cycle to recover. Withstand voltage is rated at 3KVAC input-to-output.

This unit is ETL Listed and backed by a 3-year warranty.

SPECIFICATIONS

Power	60 W	Max current	2.5 A
Input voltage	100-130VAC / 180-264VAC VAC	Efficiency	87 %
IP rating	IP20	Operating temp	-20 to +50 °C
Dimensions	111 x 78 x 36 mm	Ripple Noise	300 mVp-p
Output Voltage	24 VDC	Certifications	ETL

DIMENSION

3001	<small>1) All parameters not specially mentioned are measured at 230VAC input, rated load and 23°C of ambient temperature. 2) Ripple & noise are measured at 200Hz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1µF & 0.01µF parallel capacitor. 3) tolerance : include set up tolerance, line regulation and load regulation.</small>
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