

300W 24V DC LED Power Supply, 100–130VAC Input, IP20, ETL Listed

OVERVIEW

The P-300S-24-ETL is a 300W, 24V DC LED power supply designed for commercial and industrial LED lighting installations. It accepts 100–130VAC input and is intended for use as a component within a larger system, making it suitable for contractor and integrator applications requiring a reliable constant-voltage DC source.

The unit delivers a rated output of 12.5A at 24VDC with a typical full-load efficiency of 85% at 110VAC. Cooling is handled entirely by free air convection, with no fan required. Operating temperature range is -20°C to +50°C, with over-temperature shutdown activating at 100°C ±10°C. Protections include short circuit (hiccup mode, auto-recovery), overload (110–140% rated output power), and over-voltage. No-load power consumption is under 0.7W. The unit measures 210 x 64 x 31mm and weighs 0.40 kg.

This power supply is ETL Listed and carries a CE Mark. EMC immunity is referenced to EN55015:2013, EN61547:2009, EN61000-3-2:2014, and EN61000-3-3:2013. All units undergo a 100% full-load burn-in test prior to shipment. A 3-year warranty is included.

SPECIFICATIONS

Power	300 W	Weight	0.4 kg
Input voltage	100-130VAC VAC	Warranty	3 years
IP rating	IP20	Operating temp	-20 to +50 °C
Dimensions	210 x 64 x 31 mm		

DIMENSION

	Packing	30pcs/CTN
Notes	1. All parameters NOT specially mentioned are measured at 110VAC input rated load and 25°C of ambient temperature. 2. Tolerance: includes set up tolerance, line regulation and load regulation . 3. The power supply is considered as a component that will be operated in combination with final Equipment. Since EMC performance will be affected by the complete installation, the final equipment manufactures must be-qualify EMC Directive on the complete installation again	



CE