

500W 24V DC LED Power Supply, ETL Listed, 120–240V AC Input

OVERVIEW

The P-500-24-ETL is a 500W constant-voltage LED power supply designed for commercial and industrial LED lighting installations. It accepts a wide-range AC input of 120–240V and delivers a regulated 24V DC output, making it suitable for powering LED strip systems, signage, and architectural lighting in both new construction and retrofit applications.

The unit is housed in an aluminum enclosure measuring approximately 215 x 115 x 50 mm (L x W x H) and carries an IP20 protection rating, appropriate for dry indoor environments. A derating curve applies at elevated ambient temperatures; refer to the datasheet for load capacity above 40°C. The power supply ships 20 units per carton with a unit weight of approximately 810g.

This model carries an ETL listing as indicated in the product database. A 3-year warranty is included. Installers should verify local code compliance and confirm input wiring requirements prior to installation, as accepted input voltage ranges from 120V to 240V AC.

SPECIFICATIONS

Power	500 W	Certifications Raw	ETL
IP rating	IP20	Material	Aluminum
Input voltage	110 V	Ps Output	24 V
Dimensions	8.4 x 8.4 x 2 in		