

600W 12VDC Waterproof LED Power Supply, IP67, 120–277V AC Input

OVERVIEW

The P-S600 is a 600W, 12VDC constant-voltage LED power supply housed in an aluminum alloy enclosure and rated IP67 for continuous outdoor use. Designed for commercial and industrial LED lighting installations, it delivers stable, regulated DC output suitable for demanding exterior environments.

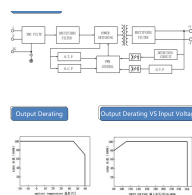
The unit supplies 50A at 12VDC with a rated output of 600W and operates across a 178–250V AC input range at 50–60Hz. Efficiency is rated at 89% or greater. Protection features include short-circuit, overload (hiccup mode), overcurrent, and overvoltage recovery. The operating temperature range is -20°C to +45°C, and the aluminum shell relies on natural convection cooling. Dimensions are 260 x 78 x 32mm with a net weight of 1.3kg.

The P-S600 carries CE and RoHS certification and meets EMC emission standards per EN55032 Class B. Safety compliance is established under UL62368-1 and TUV EN62368-1. All units undergo 100% full-load burn-in testing prior to shipment. A 3-year warranty is included.

SPECIFICATIONS

Power	600 W	Weight	2.87 lb
IP rating	IP67	Dimensions	10.24 x 3.07 x 1.26 in
Input voltage	100-277V AC V AC	Operating temp	-20 to +45 °C
Warranty	3 years		

BLOCK DIAGRAM



CERTIFICATIONS & COMPLIANCE



RoHS



IP67