

200W 12V DC LED Power Supply, 170–265VAC Input, Indoor Rated

OVERVIEW

The Poli P-200 is a 200W, 12V DC LED power supply designed for indoor LED lighting installations. It accepts a wide input voltage range of 170–265VAC at 50–60Hz, making it suitable for commercial and industrial environments where line voltage may vary. Forced-air cooling via a built-in DC ball bearing fan supports continuous operation at rated load.

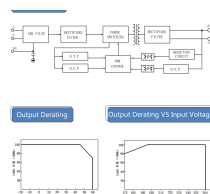
The unit delivers 13A of regulated DC output with a voltage tolerance of $\pm 0.5\%$ and ripple noise not exceeding 180mV. Operating temperature range is -10°C to $+50^{\circ}\text{C}$. Protections include short circuit, overload (hiccup mode, auto-recovery), and overvoltage, all of which resume normal operation automatically once the fault condition is cleared. Efficiency is rated at greater than 87% typical. Each unit undergoes 100% full-load burn-in testing prior to shipment.

The P-200 carries RoHS compliance. Safety and EMC standards met include UL62368-1, TUV EN62368-1, EN55032 Class B, and EN61000 series immunity requirements. The product is backed by a 3-year warranty.

SPECIFICATIONS

Power	200 W	Weight	0.25 kg
IP rating	IP20	Warranty	3 years
Input voltage	170-265 VAC	Operating temp	-10 to +50 °C
Dimensions	178 x 50 x 23 mm		

BLOCK DIAGRAM



CERTIFICATIONS & COMPLIANCE



RoHS