

100W Slim 12V DC LED Power Supply, Indoor, IP20, 175–264Vac Input

OVERVIEW

The P-100S is a slim-profile, constant-voltage LED switching power supply rated at 100W with a 12VDC output. Designed exclusively for indoor installations, it is suited for LED lighting systems in commercial and architectural applications requiring a stable, low-voltage DC source.

The unit delivers up to 8.5A at 12VDC ($\pm 0.5V$) with a typical efficiency of 88% and a power factor greater than 0.6 at 230Vac. It accepts a dual input range of 175–264Vac or 100–130Vac at 50/60Hz and operates across an ambient temperature range of $-30^{\circ}C$ to $50^{\circ}C$. Built-in protections cover short circuit, overload, overvoltage, and overtemperature conditions, all with automatic recovery. The enclosure carries an IP20 rating and is cooled by free air convection. Each unit undergoes 100% full-load burn-in testing at a minimum of $40^{\circ}C$ for four hours.

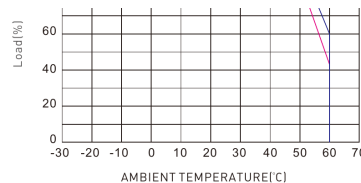
The P-100S is certified to IEC/EN61347 and IEC/EN60950 safety standards and complies with EMC standards EN55015:2013, EN61547:2009, EN61000-3-2:2014, and EN61000-3-3:2013. A CB mark is confirmed in the source documentation. No warranty term is specified in the available source data; consult your Poli LED & Signs representative for current warranty terms.

SPECIFICATIONS

Power	100 W	Operating temp	-30 to 50 °C
IP rating	IP20	Dimensions	145 x 48 x 29 mm
Input voltage	175-264Vac / 100-130Vac V	Weight	190 g

DIMENSION

PACKING	150x53x33mm(LxWxH)
CARTON QUANTITY	90PCS
CARTON SIZE	525x315x185mm(LxWxH)
WEIGHT	190g \pm 10g/PCS



* No further notice if any changes in the manual. Product function depends on the goods. Please feel free to contact your supplier if any question.