

100W Fanless Indoor LED Driver, 24VDC Output, IP20, Slim Profile

OVERVIEW

The P-100S-24 is a 100W fanless indoor LED switching power supply with a 24VDC output, designed for internal lighting applications including Class I, II, and III luminaire types. Its slim, passive-cooled construction makes it well suited for installation within enclosed fixtures and LED lighting assemblies where audible noise and space constraints are critical factors.

The driver delivers 24VDC ± 0.5 VDC at up to 4.2A, with a rated efficiency of 88% and a no-load power consumption below 3W. Input accepts 175–264Vac or 100–130Vac at 50/60Hz. Operating temperature range is -30°C to 50°C. Built-in protections cover short circuit, overload (110–150% auto-recovery), overvoltage, and overtemperature. Output ripple is rated at ≤ 120 mV. Units undergo 100% full-load burn-in testing at 40°C for four hours prior to shipment.

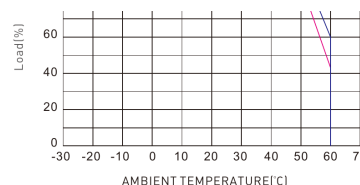
The P-100S-24 carries a CB certification and meets IP20 for indoor installations. Safety compliance references IEC/EN61347 and IEC/EN60950. EMC compliance is tested to EN55015:2013, EN61547:2009, EN61000-3-2:2014, and EN61000-3-3:2013. A 2-year warranty is included. Note: CE marking is referenced in product documentation but is not confirmed by the provided datasheet certifications listing.

SPECIFICATIONS

| | | | |
|----------------------|-------------------------------|-----------------------|------------------|
| Power | 100 W | Operating temp | -30 to 50 °C |
| IP rating | IP20 | Dimensions | 145 x 48 x 29 mm |
| Input voltage | 175-264Vac or 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.