

60W 12V DC Dimmable LED Driver, 5-in-1 Dimming, Triac & 0-10V, IP20

OVERVIEW

The P-60-D is a 60W, 12V DC constant-voltage LED driver designed for indoor installations. It supports 5-in-1 dimming: 0-10V, 1-10V, 10V PWM, Triac, and Resistance dimming, with a dimming range of 0–100% and LED start capability at 1%. Rated IP20, it is suitable for dry indoor environments and cools by free air convection.

The driver accepts 175–264Vac or 100–130Vac input at 50/60Hz and delivers a regulated 12VDC $\pm 0.5V$ output at up to 5A. Efficiency is rated at 86% (230Vac, full load). Operating temperature range is -30°C to 50°C ambient. Protections include overload (auto-recovery at $\leq 110\%$ load), short-circuit (dual-level), over-voltage, and over-temperature. Output ripple is $\leq 200\text{mV}$. Unit dimensions are 145 x 48 x 29mm and unit weight is approximately 160g.

The driver carries RoHS compliance and a BIS mark (IS 15885 Part 2/Sec 13). Safety standards include IEC/EN61347-1 and IEC/EN61347-2-13. EMC emission and immunity are addressed per EN55015, EN61000-3-2 Class C, and EN61000-4 series. A 3-year warranty is included.

SPECIFICATIONS

Power	60 W	Operating temp	-30 to 50 °C
IP rating	IP20	Dimensions	145 x 48 x 29 mm (L x W x H)
Input voltage	175–264 Vac / 100–130 Vac V	Weight	160 g

DIMENSION

