

12V 60W Waterproof IP67 Electronic LED Driver



PSW-01

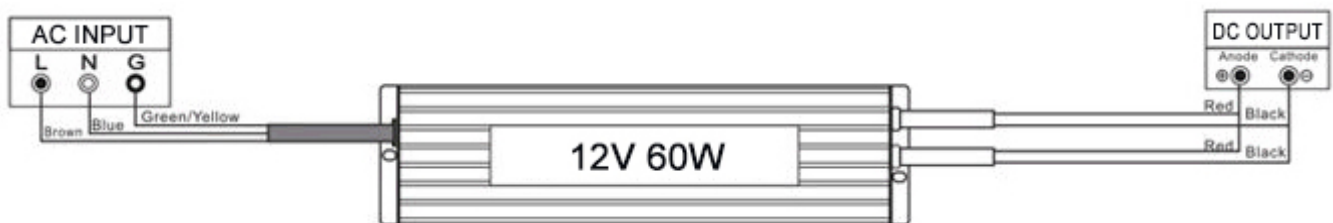
What is Electronic LED Driver?

An LED driver is an electrical device that regulates power to an LED or a string of LEDs. ... Forward Voltage is the amount of volts the light emitting diode requires to conduct electricity and light up. As temperature increases, the forward voltage of the LED decreases, causing the LED to draw more current.

What is the purpose of an LED driver?

The LED drivers provide protection to the LED bulbs against current and voltage fluctuations.

The drivers ensure that the voltage and current to the LED bulbs remains within the operating range of the LEDs regardless of fluctuations in the mains supply.



1. High-reliability Special drive power for LED street lights, installed at high altitude, with waterproof aluminium shell drive power supply
2. High efficiency LED is an energy-saving product, and the efficiency of driving power supply is high.
3. High power factor is the grid's load requirements.
4. Drive mode There are two types of traffic:
one is a constant voltage source for multiple constant current sources, and each constant current source supplies power to each LED separately.
5. Surge Protection LED's ability to withstand surge is relatively poor, especially against reverse voltage capability.
6. Protection function In addition to the conventional protection function, it is better to increase the LED temperature negative feedback in the constant current output to prevent the LED temperature from being too high.
7. Protection aspects The external installation of the lamp, the power supply structure should be waterproof and moisture-proof, and the outer casing should be light-resistant.
8. The life of the drive power should be matched to the life of the LED.
9. To comply with safety and electromagnetic compatibility requirements.

Specifications

Input Voltage	AC90-250V 50/60Hz		Input Three Core Black Line, 300mm, 0.75mm ²
Rated Output Power	75W		Brown Line: L
Output Current Range	12V5A	Input and Output Wiring Terminal	Blue Line: N
Waterproof Rating	IP67		Yellow Line: Ground
Application	Used in LED Lamps such as Lampposts, street lamps, spotlights, etc	Humidity	30%~100% relative humidity(no condensation)
Rated Input Voltage	AC90-250V	Temperature Protection	The product is internally set to 85 degrees of protection, and the automatic drama recovery after the temperature drop
Rated Input Frequency	50-60Hz	Overvoltage Protection	When the product fails, the output voltage reaches 130% of the rated voltage. The internal components of the product break down and there is no output, thus protecting the external equipment.
Input Frequency Range	47-63Hz	Short-circuit Protection	When the output is short-circuited, the product is protected and the input mode is less than 20W.
MAX.Input Current	0.6A@180VAC	Overcurrent Protection	When the current reaches 6A-7.5A, product protection has no output.
Output Voltage Ripple	Vp-p MAX<80mV		
Dimension	145x51x32mm		
Packing box	160x65x45mm		
Weight	0.36kg		
Cable's length	155-160mm		
Operating Temperature Range	-25 C ~ 60 C		
Operating Temperature Range	-40 C ~ 70 C		

Dimension



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