



Automatización Eléctrica

Especialistas en Automatización

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ELN series

30~60W Single Output LED Power Supply

Features

- Universal AC input / Full range
- Fully isolated plastic case with IP64 level
- Built-in constant current limiting circuit with adjustable OCP level
- Protections: Short circuit / Over current / Over voltage
- Optional dimming function: 1.1~10VDC(D type) or PWM (P type) controlled
- Class 2 power unit / Pass LPS
- Isolation class II, no F.G.
- Cooling by free air convection
- Suitable for economical LED indoor lighting and LED electronic displays
- 2 years warranty

ELN-30		ELN-60
INPUT OUTPUT (standard) OUTPUT (Dimming Function)		
AC input voltage range		90~264VAC ; 127~370VDC
AC inrush current (max.)		Cold start, 55A at 230VAC
DC adjustment range		±10% rated output voltage
Current adjustment range		75%~103%
Over current protection		95%~110% constant current limiting, auto-recovery
Over voltage protection	Range	110%~150% rated output voltage
	Type	Shut down o/p voltage, re-power on to recover
Withstand voltage		I/P-O/P: 3kVAC
Working temperature		-20~+60°C (refer to output derating curve)
Vibration		10~500Hz, 2G 10 minutes /1 cycle, period for 60 minutes each along X, Y, Z axes
Safety standards		UL1310 approved; Design refer to TUV EN60950-1
EMC standards		EN55022 class B, EN61000-3-2 class A, EN61000-3-3, EN61000-4-2,3,4,5,6,8,11
Connection	Input	UL rated, SVT 18AWGx2C (32cm)
	Output	Without dimming: UL rated, SVT 18AWGx2C (32cm) With dimming(optional): UL2464 18AWGx4C (32cm)
Dimension (LxWxH)(mm)		145x 47x 30
Packing		0.26kg ; 60pcs / 16.6kg

ELN-30 Series



Model No.	Output	Tol.	R&N	Effi.
ELN-30-5	5V, 0~5.0A	±5%	80mV	75%
ELN-30-9	9V, 0~3.4A	±5%	100mV	80%
ELN-30-12	12V, 0~2.5A	±5%	120mV	82%
ELN-30-15	15V, 0~2.0A	±5%	120mV	82%
ELN-30-24	24V, 0~1.25A	±5%	150mV	85%
ELN-30-27	27V, 0~1.12A	±5%	150mV	85%
ELN-30-48	48V, 0~0.63A	±5%	250mV	87%

ELN-60 Series



Model No.	Output	Tol.	R&N	Effi.
ELN-60-9	9V, 0~5.0A	±5%	120mV	82%
ELN-60-12	12V, 0~5.0A	±5%	120mV	85%
ELN-60-15	15V, 0~4.0A	±5%	150mV	86%
ELN-60-24	24V, 0~2.5A	±5%	150mV	87%
ELN-60-27	27V, 0~2.3A	±5%	200mV	87%
ELN-60-48	48V, 0~1.3A	±5%	250mV	88%

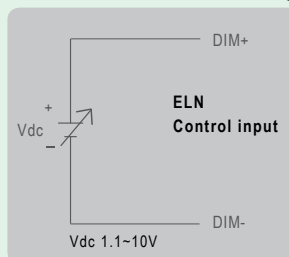
Dimming Control (optional)

Through the dimming function, output current of ELN series can be adjusted to reduce the energy consumption or adjust the brightness of LEDs connecting to it. Two kinds of control signal are accepted: 1.1~10VDC (D-Type option) or PWM signal (P-Type option).

When there is no signal sending to the control wires (open circuit between the two control wires), the power supply will operate as 0V (D-Type) or 0% duty (P-Type) of input signal and the output current will be zero.

D Type :

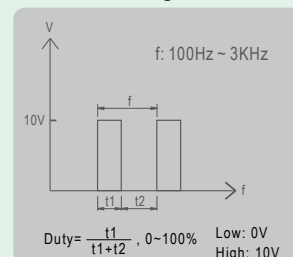
1.1~10Vdc external control signal



Order No.: ELN-30-5D

P Type :

PWM control signal



Order No.: ELN-30-5P



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Product	Code	Reference	Product link
AC/DC Power Led Power Series ELN-30 30W Input 90~264 Vac Dimension 145x 47x 30 mm Warranty 2 year	ELN305	ELN-30-5	Buy on EAN
AC/DC Power Led Power Series ELN-30 30W Input 90~264 Vac Dimension 145x 47x 30 mm Warranty 2 year	ELN309	ELN-30-9	Buy on EAN