

## 30W, 60W Single Output Class 2 Power Unit

- 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 / Overload / Over voltage
- **Optional dimming function:** 1.1~10VDC(D type) or PWM(P type) controlled
- UL1310 Class 2 power unit
- Pass LPS
- Cooling by free air convection
- **Suitable for LED related and moving sign applications**
- 2 years warranty



AC input voltage range .....	90~264VAC, 127~370VDC
AC inrush current .....	Cold start, 60A at 230VAC
DC adjustment range .....	±10% rated output voltage
Current adjustment range ....	75%~103% rated output current adjustable by internal potential meter
Overload protection .....	95% ~110% constant current, auto-recovery
Over voltage protection .....	110%~150% shut off, re-power on to recovery
Setup, rise time .....	500ms at full load and 230VAC
Withstand voltage .....	I/P - O/P: 3kVAC
Working temperature .....	-20°C~+60°C (refer to output derating curve)
Safety standards .....	UL1310 Class 2, CAN/CSA-C22.2 No. 223-M91 (except for 48V) approved; design refer to TUV EN60950-1, EN61347-2-13
EMC standards .....	EN55022 class B, EN61000-3-2 Class A, EN61000-3-3, EN61000-4-2,3,4,5,6,8,11, ENV50204
Packing .....	0.26kg ; 60pcs / 16.6kg / 1.25CUFT(ELN-30) 0.4kg ; 24pcs / 11.0kg / 0.75CUFT (ELN-60)

### ❖ 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%