

EPL1350 Series

• 350W Max.

Enclosed AC/DC Switching Power Supply



Features

- Applicable to Photographic lamp
- 100-240VAC Universal Input
- Constant voltage
- Protections:
Short circuit / Over voltage / Over current
Over Temperature (optional)
- Energy Efficiency $\geq 94\%$ 230VAC Full Load
- MTBF > 50,000 hours

MODEL No.	MAX. OUTPUT POWER (W)	OUTPUT VOLTAGE (Vo)	MIN.	MAX.	LOAD REGULATION	LINE REGULATION	RIPPLE & NOISE
			LOAD(Io)	LOAD(Io)			
EPL1350	350W	57V	0A	6.14A	$\pm 5\%$	$\pm 1\%$	570mV
EPL1350	350W	48V	0A	7.29A	$\pm 5\%$	$\pm 1\%$	480mV

NOTE:

- 1 : Ripple & Noise is measured by using 20MHz bandwidth limited oscilloscope and terminated each output with a 0.1uF ceramic capacitor & parallel with 47uF aluminum capacitor at full load and nominal line.
- 2 : Line regulation is defined by changing $\pm 10\%$ of input voltage from nominal line at rated load.
- 3 : Max. Power (W) $\geq V_o \times I_o$

Electrical Specification

INPUT

- Input Range 100 to 240VAC
- Frequency 50 to 60Hz
- Input Current $\leq 6.3A$
- Inrush Current 50A/115VAC 100A/230VAC
- Hold Up Time $\geq 8.3ms$
- Turn On Time $\leq 3s$

OUTPUT

- Short Circuit Protection Auto Recovery
- Over Voltage Protection Latch off or Auto Recovery
- Short Circuit Protection Auto Recovery

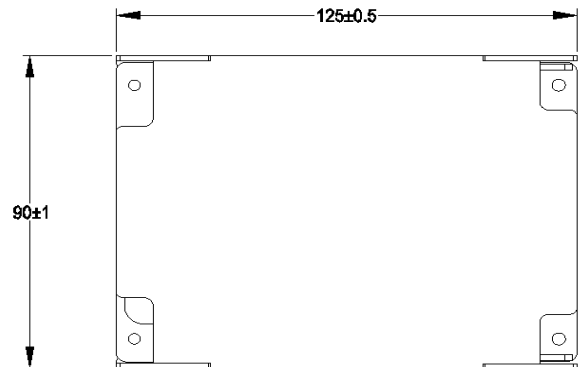
ENVIRONMENT

- Operating Temperature 0 to 50°C
- Storage Temperature -20 to 85°C
- Operating Humidity 10% to 90 %
- Storage Humidity 5% to 95 %

SAFETY

- Complied with TUV EN 61347, CB IEC 61347, CE, FCC

Mechanical Specification



- Mechanical Size: 125L x 90W x 40H (mm)
- AC Input connector: PIN HEADER 3.96*2 2P
- DC output connector: PIN HEADER 3.96*5 5P
- Weight: 500g