

# EPL1320 Series

• 360W 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  $\geq 93\%$  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) |                 |                 |                |
| EPL1320   | 360W                  | 30V                 | 0A       | 12A      | $\pm 5\%$       | $\pm 1\%$       | 320mV          |

### 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:  $\leq 5.0A$
- Inrush Current: 100A/115VAC 150A/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

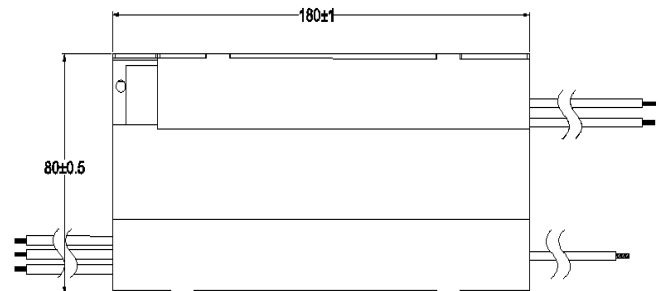
#### ENVIRONMENT

- 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: 180L x 80W x 51H (mm)
- AC Input cable: UL3135 #18
- DC output cable: UL3135 #14AWG
- Weight: 1000g

Above safety certificates are for reference only. Please contact our sales department for more details.