



SELV CE    **IP68** 

## LED Power Supply

MODEL TLG-24E400C  
INPUT 180~264V AC

### Features:

- Slimline design with fully sealed aluminum housing
- Waterproof IP68, suitable for any Working Environment
- With the newest topological structure, average efficiency up to 90%
- Protections: Short circuit/Over load
- 100% full load burn-in test

### INPUT

INPUT VOLTAGE	180~264V AC (Refer to the derating curve of "Loading and Input voltage")
FREQUENCY RANGE	50/60Hz
EFFICIENCY	90%
AC CURRENT	≤3.5A@230VAC
AC INRUSH CURRENT	60A@230VAC
LEAKAGE CURRENT	0.75mA@230VAC

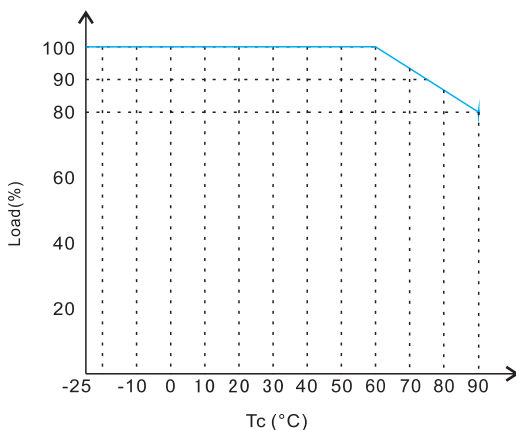
### PROTECTION

OVER LOAD	95%-120% rated power, Protection Type:auto-recovery, after fault condition is removed
SHORT CIRCUIT	Protection Type:recovery automatically after fault condition is removed

### SAFETY & EMC

SAFETY STANDARDS	IEC61347 A1 +A13
EMC	EN 55015;EN 61547;EN 61000-3-3;
WITHSTAND VOLTAGE	I/P-FG:1.5KV AC I/P-O/P:3.0KV AC
ISOLATION	I/P-O/P:> 100M Ohms/500VDC/25°C /75%RH

### LOADING AND AMBIENT TEMPERATURE



### INSTALLATION GUIDE

- It is recommended to use no more than 80% of the rated load of a power supply, to have tolerance for the power increase of LED modules or strips when their running temperature goes up.
- It is very important to have enough ventilation for a power supply to avoid overheating.
- Do not install the power supply in a closed place, or near flammable or explosive objects, or in a place easily flooded.
- Choose wires with correct AWG or copper area for electrical connection according to the rated current.

### OUTPUT

DC OUTPUT	24V
OUTPUT CURRENT	16.67A
RATED POWER	400W
VOLTAGE TOLERANCE	±5%
RIPPLE NOISE	2000mV P-P(Max.)
SETUP RISE TIME	≤2000mS(Max.)@230VAC

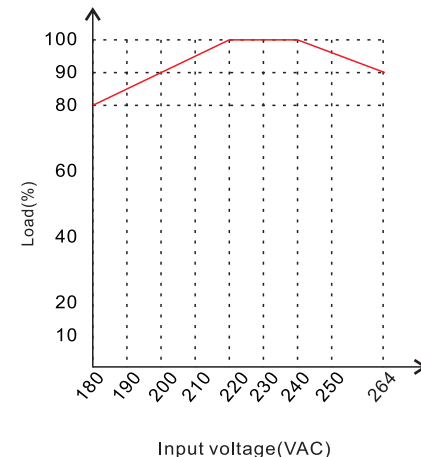
### ENVIRONMENT

OPERATING TEMPERATURE	-25°C~+60°C (Refer to the derating curve of "Loading and Ambient temperaturer")
OPERATING HUMIDITY	5%~95%
STORAGE TEMPERATURE	-35°C~+65°C

### WEIGHT & PACKING

MTBF	≥438Khrs.MIL-HDBK-217F(25°C)
PRODUCT DIMENSION	293x83x35mm
NET WEIGHT	1.48KG
QUANTITY/CARTON	10PCS
PACKING DIMENSION	360x250x210mm
GROSS WEIGHT	15.8KG

### LOADING AND INPUT VOLTAGE



## OVERVIEW



## TOP VIEW



## FRONT VIEW



## BOTTOM VIEW



## AC INPUT CONNECTION



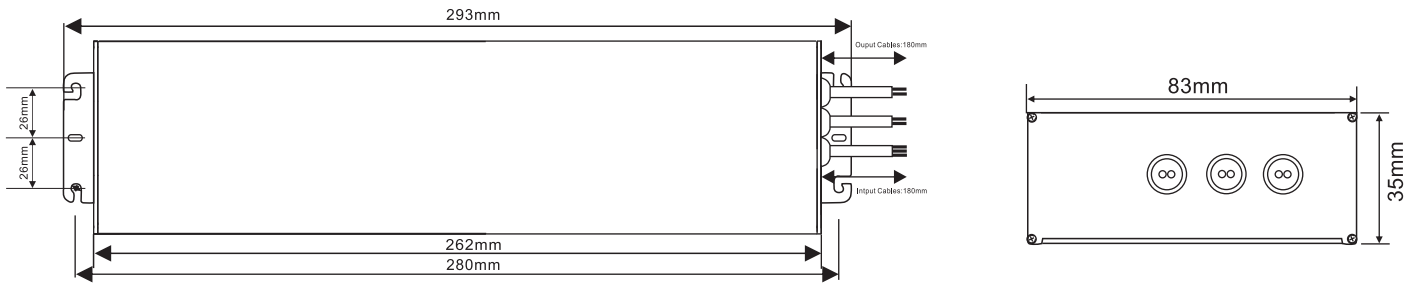
## DC OUTPUT CONNECTION



L: Red  
G: Yellow/Green  
N: Blue

⊕ Red  
⊖ Black

## PRODUCT DIMENSIONS



## INNER BOX



## OUTER CARTON

