



SELV CE IP68 CCS-220778-EA

LED Power Supply

MODEL TLG-24E300C
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 | ≤3.1A@230VAC |
| AC INRUSH CURRENT | 60A@230VAC |
| LEAKAGE CURRENT | 0.75mA/230VAC |

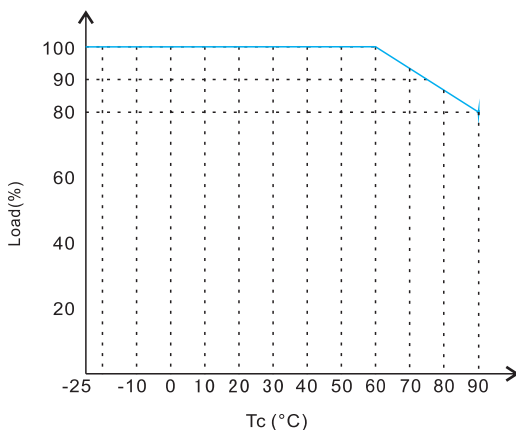
PROTECTION

| | |
|---------------|---|
| 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 | 12.5A |
| RATED POWER | 300W |
| VOLTAGE TOLERANCE | ±5% |
| RIPPLE NOISE | 2000mV P-P(Max.) |
| SETUP RISE TIME | ≤2000mS(Max.)/230VAC |

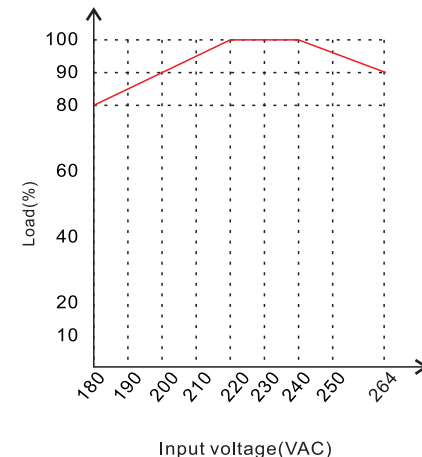
ENVIRONMENT

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

WEIGHT & PACKING

| | |
|-------------------|------------------------------|
| MTBF | ≥438Khrs.MIL-HDBK-217F(25°C) |
| PRODUCT DIMENSION | 258x83x35mm |
| NET WEIGHT | 1.3KG |
| QUANTITY/CARTON | 10PCS |
| PACKING DIMENSION | 360x235x205mm |
| GROSS WEIGHT | 14.2KG |

LOADING AND INPUT VOLTAGE



OVERVIEW



TOP VIEW



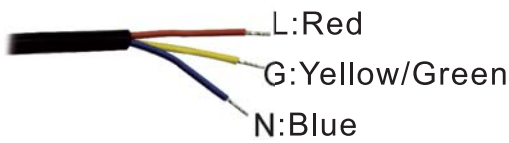
FRONT VIEW



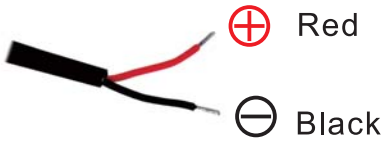
BOTTEM VIEW



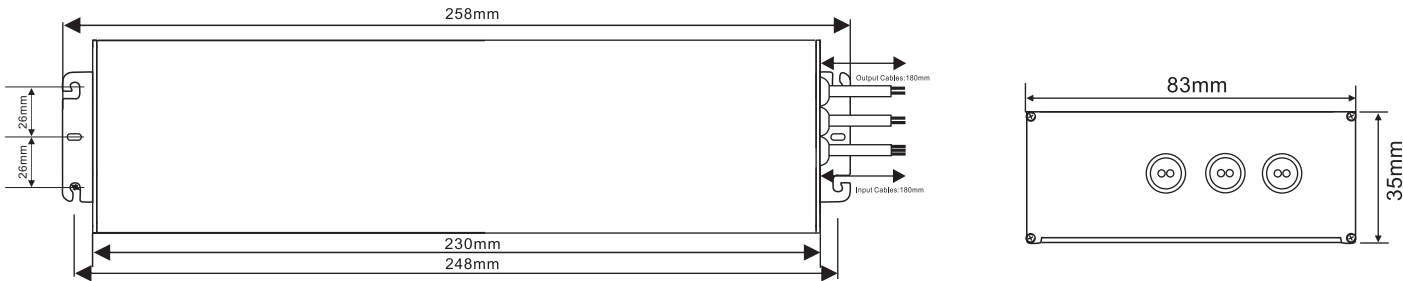
AC INPUT CONNECTION



DC OUTPUT CONNECTION



PRODUCT DIMENSIONS



INNER BOX



OUTER CARTON

