



SELV CE    **IP68** 

TLG-12E20C

INPUT 90~264VAC
OUTPUT 12VDC 1.67A 20W

Features:

- Slimline design with fully sealed aluminum housing
- Waterproof IP68, suitable for any Working Environment
- With the newest topological structure, efficiency up to 85%
- Protections: Short circuit/OCP
- 100% full load burn-in test

INPUT

INPUT VOLTAGE	90~264V AC (Refer to the derating curve of "Loading and Input voltage")
FREQUENCY RANGE	50/60Hz
EFFICIENCY(TYP)	85%
AC CURRENT	≤ 0.52A@115VAC ≤ 0.26A@230VAC
AC INRUSH CURRENT	60A@230VAC
LEAKAGE CURRENT	0.5mA/230VAC

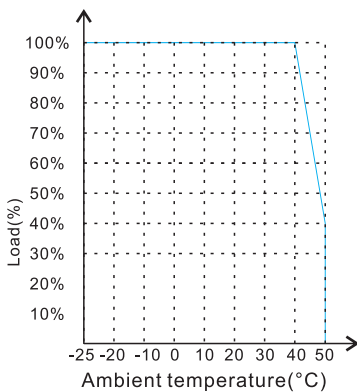
PROTECTION

OVER CURRENT 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;
SURGE	L-N : 2KV ; L/N-FG : 4KV
WITHSTAND VOLTAGE	I/P-FG:3KV AC I/P-O/P:1.5KV 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	12V
OUTPUT CURRENT	1.67A
RATED POWER	20W
VOLTAGE TOLERANCE	±5%
RIPPLE NOISE (MAX)	1200mV P-P(Max.)
SETUP RISE TIME	≤1000mS(Max.)/230VAC

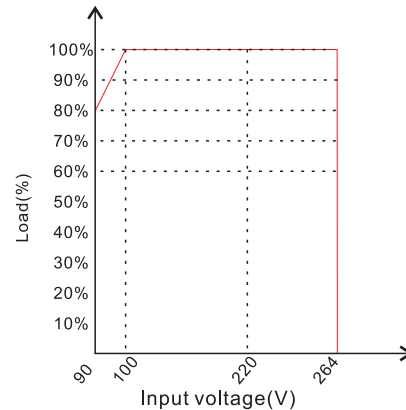
ENVIRONMENT

OPERATING TEMPERATURE	-25°C~+50°C (Refer to the derating curve of "Loading and Ambient temperaturer")
OPERATING HUMIDITY	5%~95%
STORAGE TEMPERATURE	-35°C~+65°C

WEIGHT & PACKING

MTBF	≥5475Khrs.MIL-HDBK-217F(25°C)
PRODUCT DIMENSION	190x35x18mm
NET WEIGHT	0.21KG
QUANTITY/CARTON	50PCS
PACKING DIMENSION	405x305x235mm
GROSS WEIGHT	12.2KG

LOADING AND INPUT VOLTAGE



OVERVIEW



TOP VIEW



FRONT VIEW



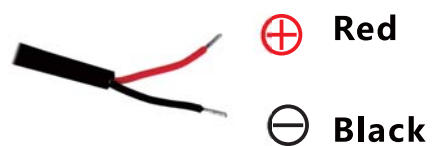
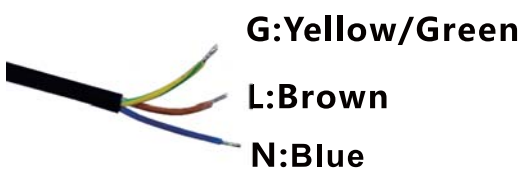
BOTTOM VIEW



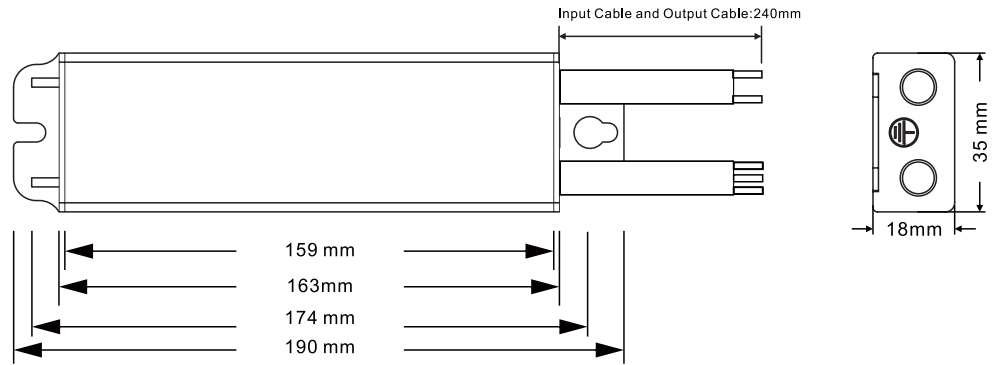
AC INPUT CONNECTION



DC OUTPUT CONNECTION



PRODUCT DIMENSIONS



INNER BOX



OUTER CARTON

