



SELV CE    **IP68** 

## TLG-24E20C

INPUT 90~264VAC  
OUTPUT 24VDC 0.83A 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

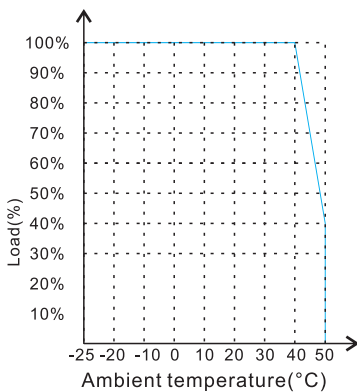
### PROTECTION

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	24V
OUTPUT CURRENT	0.83A
RATED POWER	20W
VOLTAGE TOLERANCE	±5%
RIPPLE NOISE (MAX)	1200mV P-P(Max.)
SETUP RISE TIME	≤1000mS(Max.)/230VAC

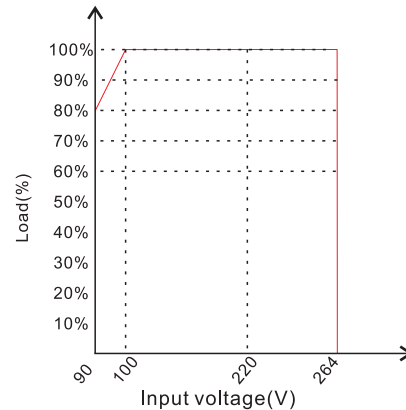
### ENVIRONMENT

OPERATING TEMPERATURE	-25°C~+50°C (Refer to the derating curve of "Loading and Ambient temperature")
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



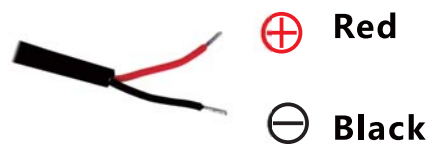
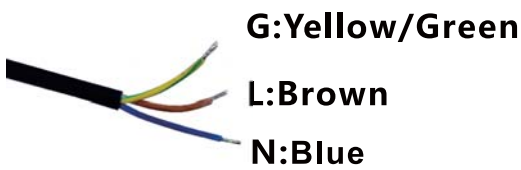
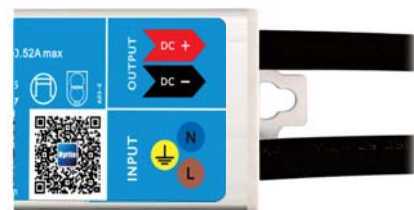
## BOTTOM VIEW



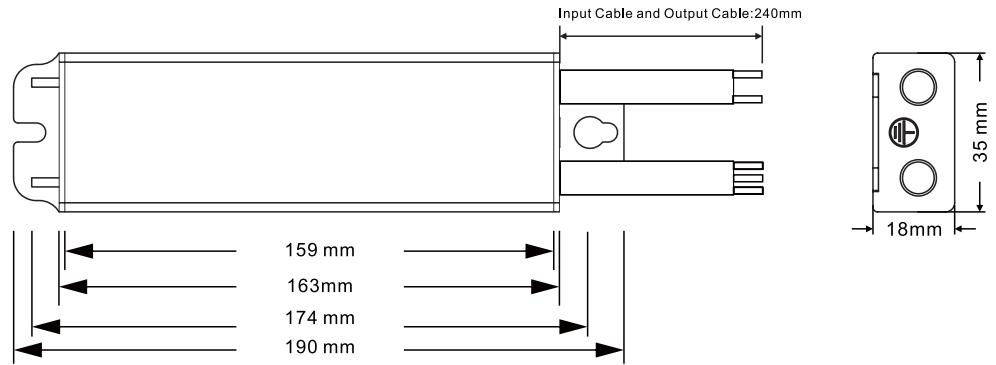
## AC INPUT CONNECTION



## DC OUTPUT CONNECTION



## PRODUCT DIMENSIONS



## INNER BOX



## OUTER CARTON

