



SELV    

## 300W 24V DC LED Power Supply

MODEL HPS-24E300

INPUT 90~264V AC

OUTPUT 24V DC 12.5A 300W

### Features:

- With built-in Active PFC(Power Factor Corrector), PF> 0.9
- Meet the IEC energy efficiency standards.5 Years warranty
- Waterproof IP67,suitable for indoor or outdoor LED application
- Long life span waterproof LED power supply with high efficiency
- With EMC, meet the newest electromagnetic compatibility standard
- Seamless aluminum housing with Class I design & Cooling by free air convection
- Protection: undervoltage/short circuit/over voltage/over load/over temperature

### INPUT

INPUT VOLTAGE	90~264V AC (Refer to the derating curve of "Loading and Input voltage")
FREQUENCY RANGE	47~63Hz
EFFICIENCY	93%
AC CURRENT	≤ 1.51A@230VAC
AC INRUSH CURRENT	75A@230VAC
LEAKAGE CURRENT	0.75mA/254.4VAC

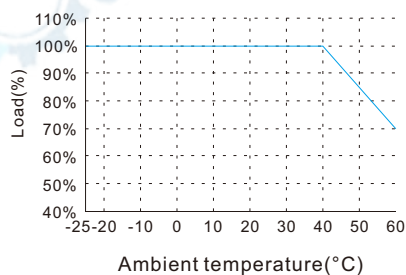
### PROTECTION

OVER LOAD	95%-105% 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 + A14
EMC	EN 55015;EN 61547;EN 61000-3-2; 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



### OUTPUT

DC OUTPUT	24V
OUTPUT CURRENT	12.5A
RATED POWER	300W(Max)
VOLTAGE TOLERANCE	±5%
RIPPLE NOISE	200mV P-P(Max)
SETUP RISE TIME	2000mS(Max)@230VAC

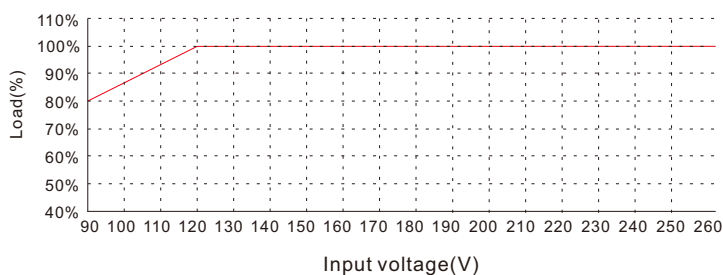
### ENVIRONMENT

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

### OTHERS

PRODUCT DIMENSION	369x71.5x38mm
NET WEIGHT	2.1Kg
QUANTITY	10PCS
PACKING DIMENSION	410x315x225mm
GROSS WEIGHT	23KG

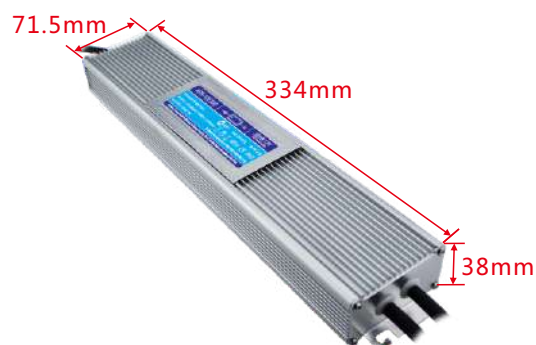
### LOADING AND INPUT VOLTAGE



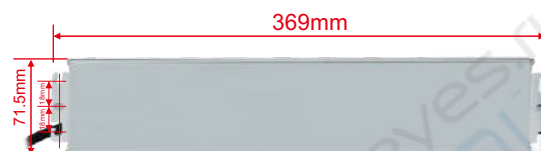
### INSTALLATION GUIDE

- The LEDs will work abnormal when the power supply is overloaded or short circuited.
- Ventilation is important for a power supply for longer life span. Do not install the power supply in a place that is completely sealed, or near objects flammable&explosible,or easily be flooded.
- To make sure brightness of each LED is even, please use the right electrical wire according to actual loading.

## PRODUCT DIMENSION



## INSTALLATION DIMENSION



## FRONT VIEW



## TOP VIEW



## AC INPUT DIAGRAM



G: Yellow/Green

L: Brown

N: Blue

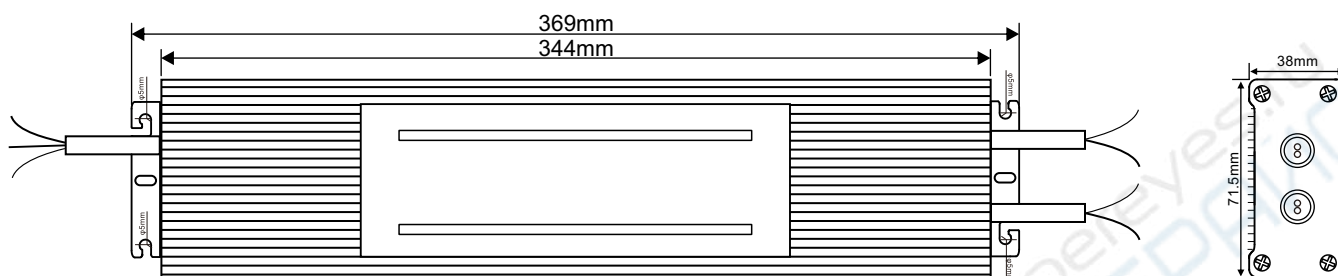
## DC OUTPUT DIAGRAM



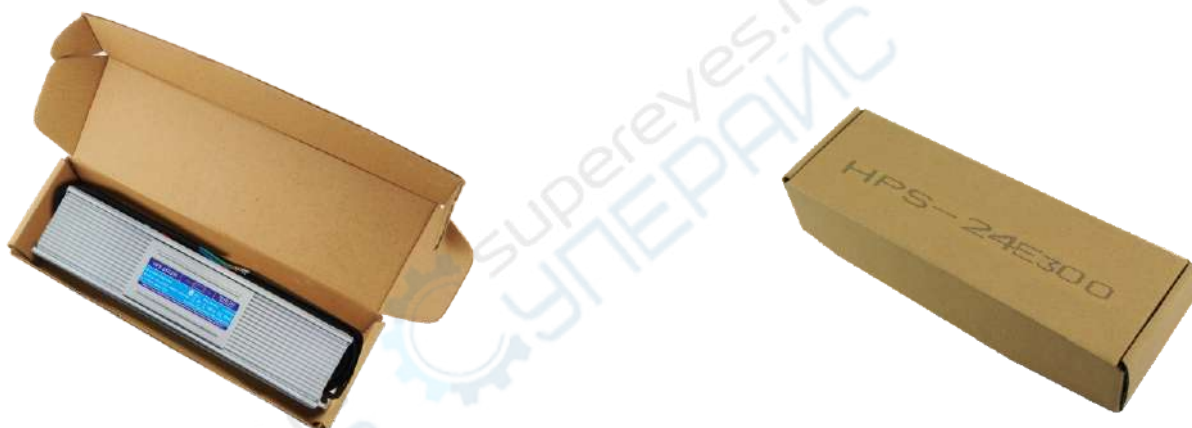
⊕

⊖

## PRODUCT DIMENSION



## INSIDE BOX



NET WEIGHT/pcs:2.1kg

## OUTSIDE CARTON



10pcs/CTN



Weight:23kg