100W 24V DC
LED Power Supply

MODEL	HPS-24E100
INPUT	90~264V AC
OUTPUT	24V DC 4.16A 100W

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

SELV CE

INPUT

INPUT VOLTAGE	90~264V AC (Refer to the derating curve of "Loading and Input voltage")
FREQUENCY RANGE	47~63Hz
EFFICIENCY	89%
AC CURRENT	≤0.53A@230VAC
AC INRUSH CURRENT	60A@230VAC
LEAKAGE CURRENT	0.5mA/254.4VAC

OUTPUT

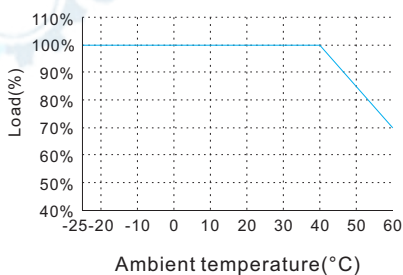|	
DC OUTPUT	24V
OUTPUT CURRENT	4.16A
RATED POWER	100W(Max)
VOLTAGE TOLERANCE	±5%
RIPPLE NOISE	200mV P-P(Max)
SETUP RISE TIME	2000mS(Max)@230VAC

PROTECTION

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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

ENVIRONMENT

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

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℃/75%RH

OTHERS

PRODUCT DIMENSION	227x71.5x38mm
NET WEIGHT	0.96Kg
QUANTITY	10PCS
PACKING DIMENSION	315x265x225mm
GROSS WEIGHT	11.5KG

LOADING AND AMBIENT TEMPERATURE

Ambient temperature(℃)

LOADING AND INPUT VOLTAGE

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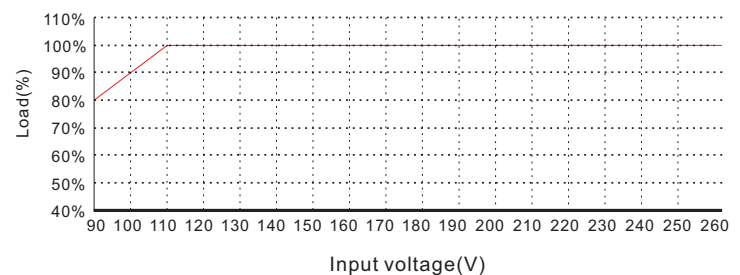
INSTALLATION GUIDE
- The LEDs will work abnormal when the power supply is overloaded or short circuited.
- Ventilation is important for a power supply for longer life span. Do not install the power supply in a place that is completely sealed, or near objects flammable&explosible,or easily be flooded.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

NeonPro

PRODUCT DIMENSION

71.5mm
202mm
38mm

INSTALLATION DIMENSION

227mm
71.5mm

FRONT VIEW

TOP VIEW

HPS-12E60

AC INPUT DIAGRAM

G:Yellow/Green
L:Brown
N:Blue

DC OUTPUT DIAGRAM

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NeonPro®

▪ PRODUCT DIMENSION

253mm
228mm
38mm
71.5mm
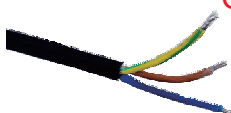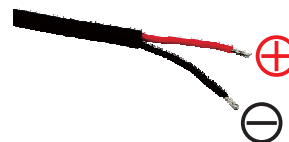
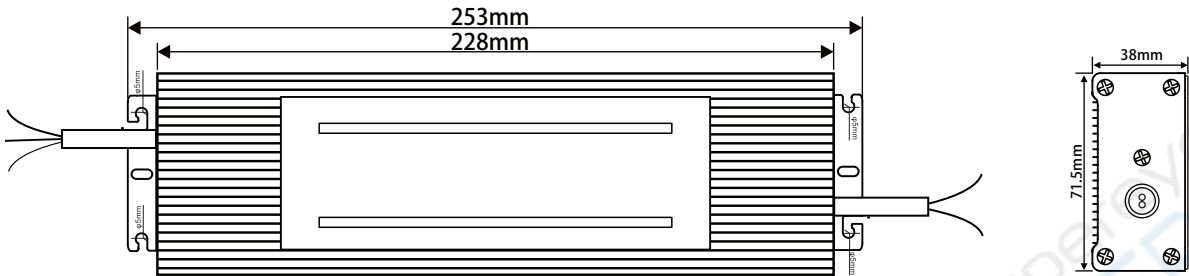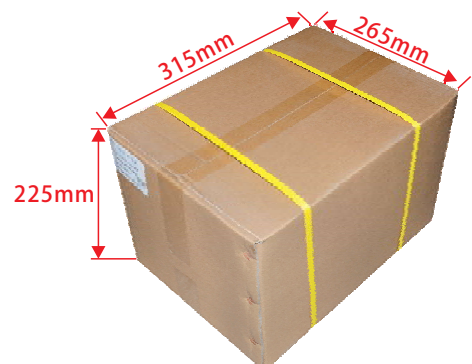## ▪ INSIDE BOX

NET WEIGHT/pcs:0.96kg

▪ OUTSIDE CARTON

10pcs/CTN

315mm 265mm
225mm

Weight:11.5kg