



ELDV-12E100T

INPUT 180~264VAC
OUTPUT 12VDC 8.3A 100W

Features:

- High efficiency, long lifespan and high reliability
- Protections: Short circuit, Over current
- Cooling by free air convection, efficient heat dissipation.
- 100% full load burn-in test
- 2 years Warranty

INPUT

INPUT VOLTAGE	180~264VAC (Refer to the derating curve of "Loading and Input voltage")
FREQUENCY RANGE	47/63Hz
EFFICIENCY(TYP)	86%
AC CURRENT	≤ 1.2A@230VAC
AC INRUSH CURRENT	60A@230VAC
LEAKAGE CURRENT	1mA/240VAC

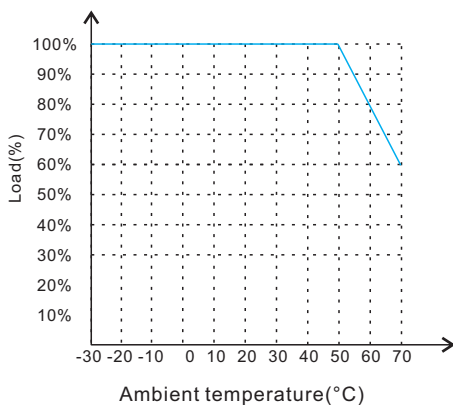
PROTECTION

OVER CURRENT	95%-165% rated power, HICCUP: recovery automatically after fault condition is removed
SHORT CIRCUIT	Protection Type: recovery automatically after fault condition is removed

SAFETY & EMC

SAFETY STANDARDS	GB4943/UL1012
EMC	EN 55022

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	8.3A
RATED POWER	99.6W
VOLTAGE TOLERANCE	±1%
RIPPLE NOISE(MAX)	150mV P-P(Max.)
SETUP RISE TIME	≤2000mS(Max.)/230VAC

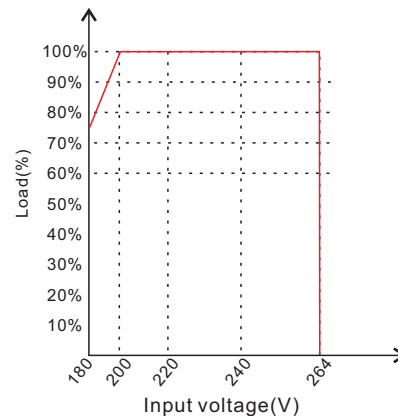
ENVIRONMENT

OPERATING TEMPERATURE	-30°C~+70°C (Refer to the derating curve of "Loading and Ambient temperature")
OPERATING HUMIDITY	20%~95%
STORAGE TEMPERATURE	-40°C~+80°C

WEIGHT & PACKING

MTBF	≥100000Hrs.MIL-217 Method
PRODUCT DIMENSION	129x97x30mm
NET WEIGHT	0.32KG
QUANTITY/CARTON	40PCS
PACKING DIMENSION	405x305x235mm
GROSS WEIGHT	13.8KG

LOADING AND INPUT VOLTAGE



MECHANICAL DIMENSIONS

