

EN-150 series

150W Constant Voltage LED Power Supply



■ Features:

- Constant voltage design
- European AC input range
- Protections: Short circuit / Over current / Over voltage/Over temperature
- Cooling by free air convection
- Compliance to worldwide regulations for lighting



Ⓢ ELECTRICAL SPECIFICATION

MODEL	EN-150-12	EN-150-24
OUTPUT		
Rated Voltage	12V	24V
Rated Current	12.5A	6.25A
Current Range	0 ÷ 12.5A	0 ÷ 6.25A
Rated Power	150W	150W
Line Regulation	± 1%	± 1%
Load Regulation	± 0.5%	± 0.5%
Voltage Tolerance [3]	± 5%	± 5%
Ripple & Noise (max.) [2]	300mV _{p-p}	
Setup, Rise Time [4]	500ms, 50ms / 230VAC at full load	
Hold up Time (typ.)	25ms / 230VAC at full load	
INPUT		
Voltage Range	200 ÷ 240VAC	
Frequency Range	47 ÷ 63Hz	
Power Factor (typ.)	PF > 0.9 / 230VAC at full load	
Efficiency (typ.)	90%	
AC current (typ.)	1A / 230VAC	
Inrush current (max.)	75A / 230VAC (25°C)	
No Load Power Consumption (max.)	< 1W	
PROTECTIONS		
Over Current	Range: > 120% Type: Hiccup mode. Recovers automatically after fault condition is removed.	
Short Circuit	Type: Hiccup mode. Recovers automatically after fault condition is removed.	
Over Voltage	< 18V	< 36V Type: Shut down output voltage. Re-power on to recovery.
Over Temperature	Type: Shut down output voltage. Re-power on to recovery.	

