

FTPC150V series

150W LED Switching Power Supply (CV)



■ Features:

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



⊙ ELECTRICAL SPECIFICATION

MODEL	FTPC150V12	
OUTPUT		
Rated Voltage	12V	24V
Rated Current	11A	6.25A
Current Range	0 ÷ 11A	0 ÷ 6.25A
Rated Power	132W	132W
No Output Voltage (max.)	12.6V	24.8V
Line Regulation	± 1%	
Load Regulation	± 2%	
Voltage Tolerance [3]	± 5%	
Ripple & Noise (max.) [2]	300mV _{P-P}	500mV _{P-P}
Setup, Rise Time [4]	500ms, 60ms / 230VAC at full load	
Hold up Time (typ.)	10ms / 230VAC at full load	
INPUT		
Voltage Range	180 ÷ 264VAC	
Frequency Range	47 ÷ 63Hz	
Power Factor (typ.)	PF > 0.9 / 230VAC at full load	
Efficiency (typ.)	93%	94%
AC current (typ.)	1.0A / 230VAC	
Inrush current (max.)	75A / 230VAC(25°C)	
No Load Power Consumption (max.)	0.5W	
PROTECTIONS		
Over Current	Range: 110 ÷ 130%	
	Type: constant current limiting to 75% rated voltage next hiccup mode. Recovers automatically after fault condition is removed.	
Short Circuit	Type: hiccup mode. Recovers automatically after fault condition is removed.	
Over Temperature	Range: 110°C ± 10°C	
	Type: shut down output voltage. Re-power on to recovery.	

