

LED Driver

Preliminary

AC to DC Switch Power Supply 150 Watts -

LF1153 Series

Features :

- Compatible with 1 ~10V Dimming Controller(3 in 1)
- Available in Constant Current or Constant Voltage
- Suitable for Dry, Damp,Wet Locations,meet IP67
- UL8750 Class 2,cUL,FCC CE(EN55015,EN61347)
- Convection Cooled in plastic housing
- Compliant Rohs
- Five Years Warranty(Life@Tc:80°C 40,000hr)



Specifications :

pending



AC Input Range : 90~305Vac / 2A ~ 1.2A / 47~63Hz	DC Output Ripple/Noise p-p : 5%
Input Inrush Current : < 30A /115Vac,< 60A / 230Vac at cold start	Turn-on/off delay time < 1 sec. at 115 ~ 277Vac
Leakage Current :<0.75mA / 230Vac, Surge Immunity Test :6KV	Operation Temp. : -40°C ~ +50°C , Tc : 90°C
PFC >0.92,THD <20% : Input 115 ~ 230Vac at 50% loading up	Storage Temp. : -40°C ~ +85°C
THD <20%,PFC >0.92 : Input 277Vac at 65% loading up	MTBF(@50°C) : >100,000 Hours,MIL-217F
Efficiency : >92% at full load 115Vac ~ 277Vac .	Safety : UL8750,CUL , FCC B, CE ,CB , PSE
Protection : SCP,OVP -Shut down,OCP,OTP(limit-CC) -Recovery	CE (EN55015 ,EN61547,EN61347,EN61000-3-2 class C)
Load Regulation (Constant Current & Voltage) : +/-5%	Case Dimension : 196(L),74(W),40(H)mm,Weight : 850 g

Model Listing :

Model	Constant Voltage Mode		Constant Current Mode		Max. Output
	Output Volt(Adj)	Current(min.~max.)	I - Adjust(I _f)	Volts(V _f)	
LF1153-24	24V (18~28V)	100 ~ 6250mA	N / A	N / A	150W
LF1153-36	36V (28~42V)	80 ~ 5000mA	2500 ~ 5000mA	21 ~ 42V(30V)	150W
LF1153-48	48V (40~54V)	50 ~ 3750mA	1800 ~ 3750mA	30 ~ 54V(40V)	150W

Note: The Constant Current Mode can be set from 50 to 100% / Max.Amps to meet user requirements.

Model Information:

LF1153-XXX-Cnnnn-DDDD

1153 = Single DC Output , 150Watt Max.

XXX = Voltage Output ,24V,36V,48V,214V,428V Max.

Cnnnn = (Optional or blank) for Output Constant Current , C0550=550mA,C3750=3750mA, C5000=5000mA.

DDDD = (Optional or black),for constant current dimming function.(Gry D-, Purple D+)

010V=1~10Vdc(10~100%),RES = Resistor(10K~100KΩ),PWM = 10V PWM Signal,(3 IN 1).

Mechanical Drawing :

