

Constant Current & Voltage LED Power Supply

SLT6-350/500/700ISC-UN



Product description:

This type of power supply is an exclusively designed stabilized power supply for LED lamp. With constant current (CC)/constant voltage (CV) technology, it is suitable for constant current lamps (350/500/700mA) connected in a series or constant voltage lamps (12/24V). The built-in protection circuit will shut down the converter in case of such faults as: open circuit, short circuit, over load and over temperature protection. The power supply will restart automatically after fault correction.

Standards:

EN61347-1	UL8750
EN61347-2-13	UL1310
EN61547	FCC15B
EN55015	
EN61000-3-2	
EN61000-3-3	
EN62384	
EN62493	

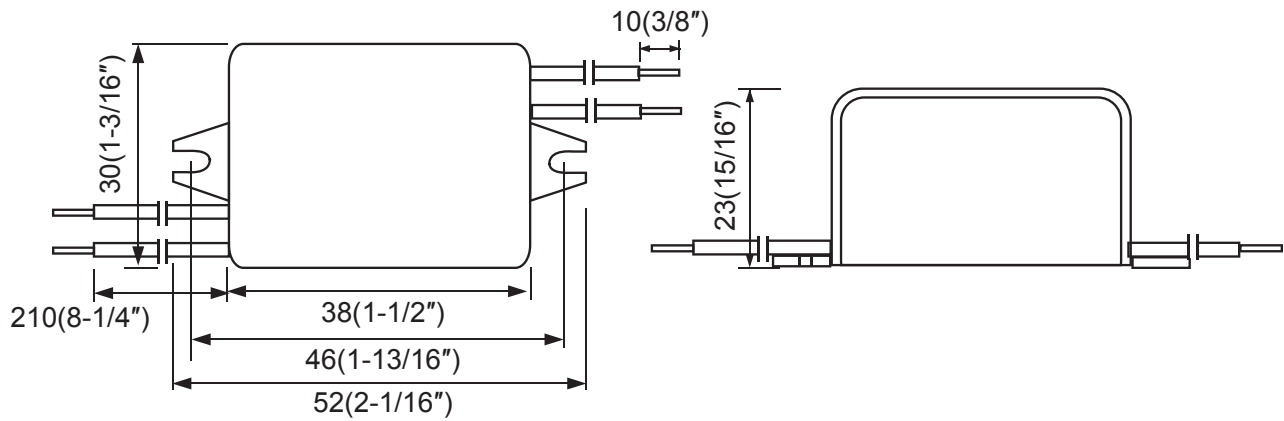
Characteristics:

- Compact dimensions
- Built-in design, electric shock depend on the lamp
- with input and output flying leads
- Ripple free (Constant Current version)
- Open circuit, short circuit, over load and over temperature protection
- Auto restart after fault conditions removal
- Warranty: 3 years

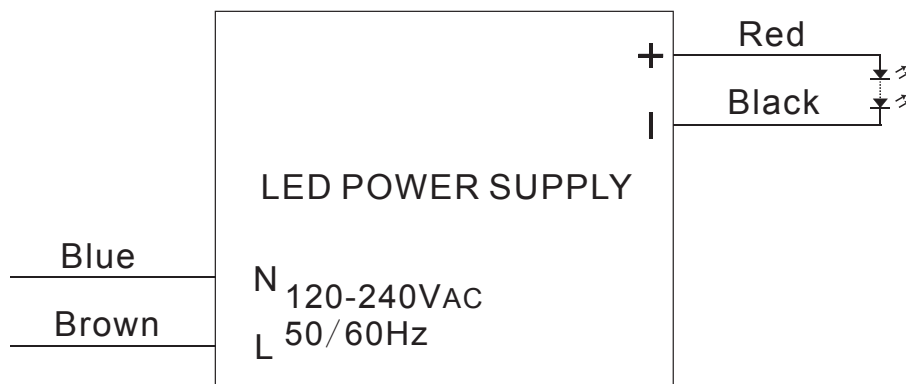
Specifications:

Model	SLT6-350ISC-UN		SLT6-500ISC-UN	SLT6-700ISC-UN
Output	turn on time(S)		≤0.5	≤0.5
	output current(mA)		350	500
	CC	output current tolerance ①	+/-8%	+/-8%
		ripple current ②	<3%	<3%
		working voltage range(V)	5.0-17	2.7-12
		Max. output voltage(V)	24	16
	CV	output vorage (V)	24	n/a
		output voltage tolerance ①	±0.5V	n/a
		ripple voltage(mV)	650(Vp-p)	n/a
		working current range(A)	0-0.25	n/a
dimming interface		No		
dimming range		n/a		
Input	rated supply voltage(Vac)		120-240	120-240
	voltage range(Vac)		108-264	108-264
	line frequency(Hz)		50/60	50/60
	input current(mA)		40	42
	efficiency ②		77.2%	74.3%
	power factor ②		0.80C	0.80C
	inrush current(Ipk)		11A/12us	11A/12us
Protection	over voltage protection		YES	YES
	short circuit protection		YES	YES
	over temperature protection		YES	YES
	automatic restart		YES	YES
	over load protection		YES	YES
	surge capacity		L-N: 0.5kV	L-N: 0.5kV
Ambient and Life	Ta(℃)		-20...+50	-20...+45
	Tc max.(℃)		90	
	Storage Temperature(℃)		-30...80	
	ambient humidity range		5%...85%RH, Not condensing	
	nominal life-time(hrs)		30'000@Tc=90 C	
	MTBF(hrs)		1000000Hrs	
Other	weight(g)		50	
	dimensions (L×W×H)(mm)		52x30x23	
	casing material		Plastic	
	housing colour		White	
	type of protection		IP20	
	protection class		CLASS II	
Note	1. Tolerance:includes set up tolerance, line regulation and load regulation. 2. Tested at full load,230Vac.Refer to"Power Factor" and "EFFICIENT"curve graphs. 3.Output LF current ripple (< 200 Hz) 4. All parameters NOT specially mentioned are measured at nominal voltage input, rated load and 25 of ambient temperature. 5. The power supply is considered as a component that will be operated in combination with final equipment. Since EMC performance will be affected by the complete installation, the final equipment manufacturers must re-qualify EMC Directive on the complete installation again."			

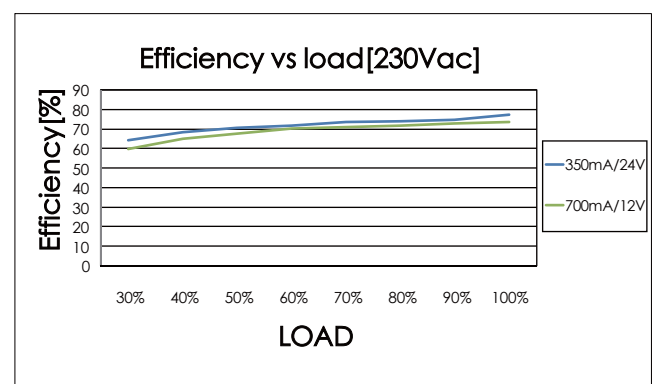
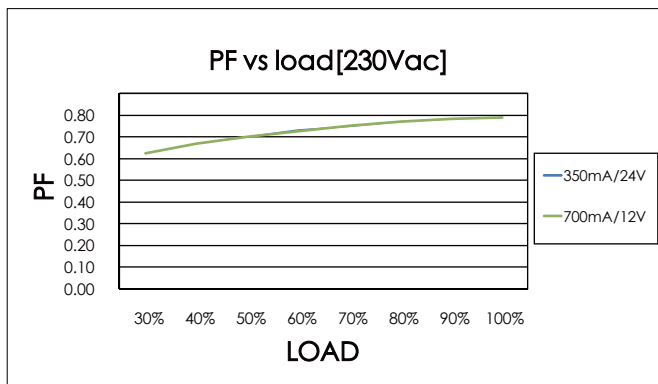
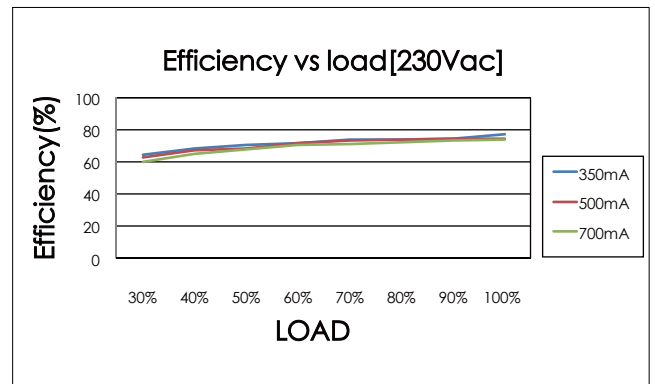
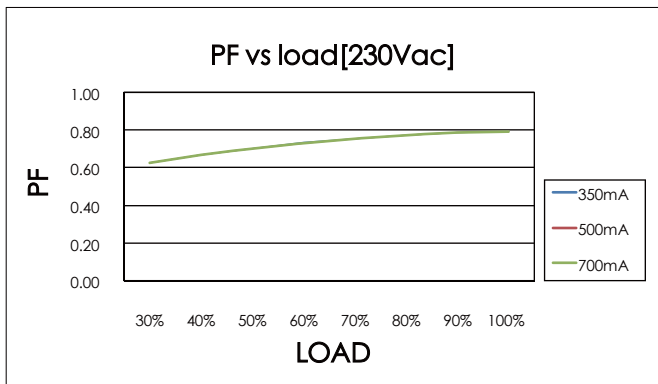
Dimensions(mm/inches):



Wiring diagram:



Electrical curves:



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*Due to continuous improvements and innovations, specifications are subjected to change without notice.