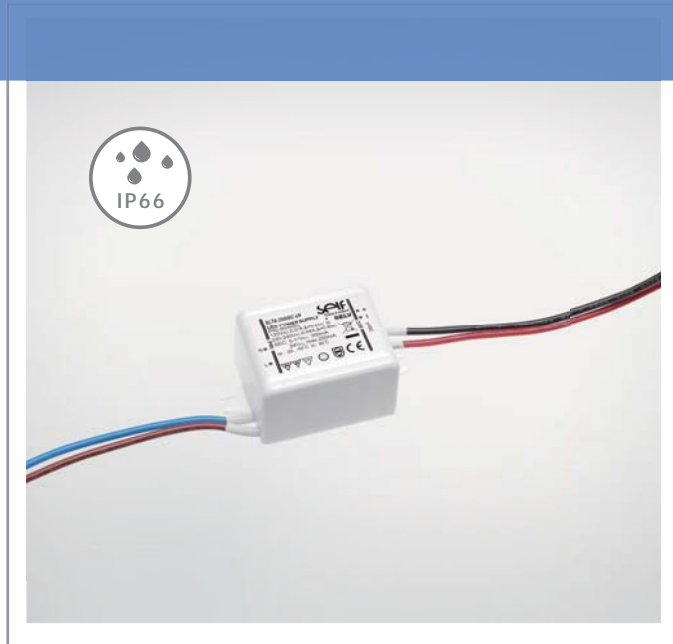


# Constant Current & Voltage LED Power Supply

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	

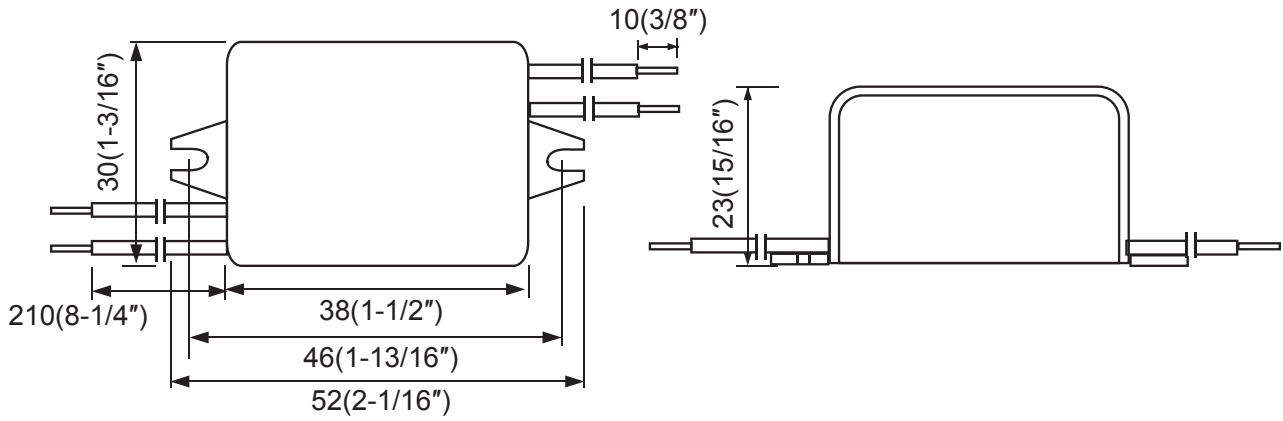
## Characteristics:

- 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

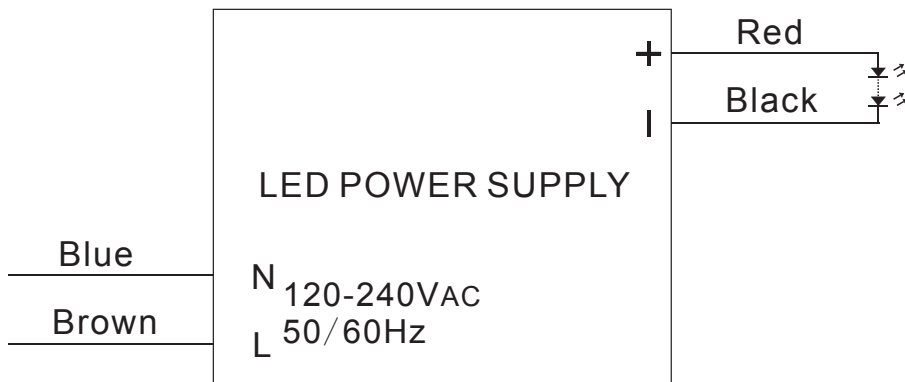
## Specifications:

Model		SLT6-350ISC-UN	SLT6-500ISC-UN	SLT6-700ISC-UN	
Output	turn on time(S)	≤0.5	≤0.5	≤0.5	
	output current(mA)	350	500	700	
	CC	output current tolerance <sup>①</sup>	+/-8%	+/-8%	+/-8%
		ripple current <sup>②</sup>	<3%	<3%	<3%
		working voltage range(V)	5.0-17	2.7-12	2.7-9
		Max. output voltage(V)	24	16	12
	CV	output voltage (V)	24	n/a	12
		output voltage tolerance <sup>①</sup>	±0.5V	n/a	±0.5V
		ripple voltage(mV)	650(Vp-p)	n/a	500(Vp-p)
		working current range(A)	0-0.25	n/a	0-0.5
	dimming interface		No		
dimming range		n/a			
Input	rated supply voltage(Vac)	120-240	120-240	120-240	
	voltage range(Vac)	108-264	108-264	108-264	
	line frequency(Hz)	50/60	50/60	50/60	
	input current(mA)	40	42	44	
	efficiency <sup>②</sup>	77.2%	74.3%	73.6%	
	power factor <sup>②</sup>	0.80C	0.80C	0.80C	
	inrush current(Ipk)	11A/12us	11A/12us	11A/12us	
Protection	over voltage protection	YES	YES	YES	
	short circuit protection	YES	YES	YES	
	over temperature protection	YES	YES	YES	
	automatic restart	YES	YES	YES	
	over load protection	YES	YES	YES	
	surge capacity	L-N: 0.5kV	L-N: 0.5kV	L-N: 0.5kV	
Ambient and Life	Ta(°C)	-20...+50	-20...+50	-20...+45	
	Tc max.(°C)		90		
	Storage Temperature(°C)		-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 (LxWxH)(mm)		52x30x23		
	casing material		Plastic		
	housing colour		White		
	type of protection		IP66		
	protection class		CLASS II		
Note	<p>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 (&lt; 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."</p>				

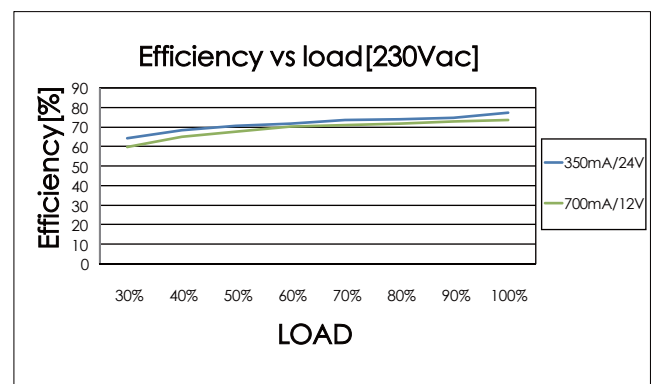
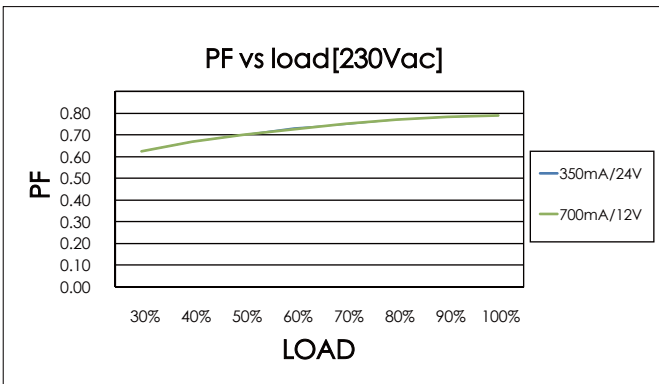
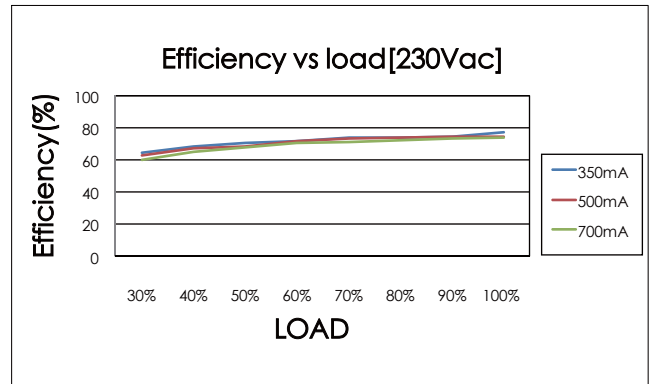
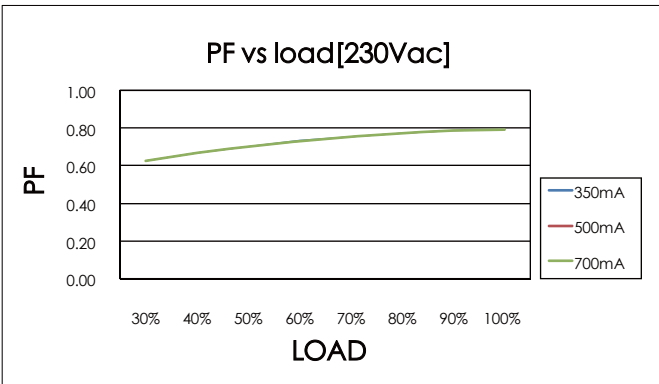
Dimensions(mm/inches):



Wiring diagram:



Electrical curves:



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