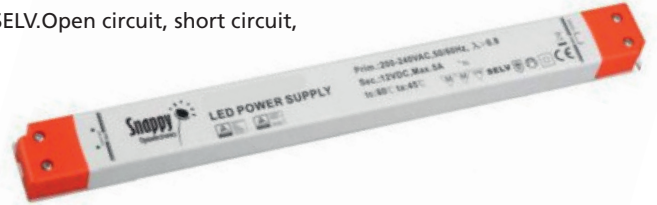


# LED Power Supply

## Constant Voltage LED Driver | Input 180 – 264V AC | Output 12V DC

Linear type LED drivers, helpful for lightbox, profile or furniture lighting.SELV.Open circuit, short circuit, overload and over temperature protection.Class II,lifetime 30,000hrs. Special design save much space for installation.



items	conditions	request	note
<b>Input</b>			
Input voltage	Ta	180-264Vac	--
Input Frequency		50Hz	--
Input Current	25°C,rated input voltage, output with max. rated power	0.5A	--
Input Power		<75W	--
Efficiency		≥88%	--
Standby	25°Cated input voltage, output without load	<0.5W	Average
Inrush Current	25°C,rated input voltage	<75A	peak
PF	25°C,rated input voltage, output max. rated power	≥0.90	--

<b>Output</b>			
Startup time	25°C, rated input voltage,output with max. rated power	<0.5S	--
Output voltage and precision	Ta , rated input voltage, output with rated power	12V±5%	--
Output current range	Ta , rated input voltage	0-5.0A	60W
Output voltage wave	25°C, rated input voltage,output with max. rated power	500mV	Vp-p
Output overload	25°C,rated input voltage,output with 2 times LED load	yes	--
Output current and precision	Ta , rated input voltage, output with rated power	--	--
Rated output voltage range	Ta , rated input voltage,	-	--
Output current wave	25°C, rated input voltage,output with max. rated power	--	Ip-p
Dimming mode	--	--	--
Dimming range	--	--	--

<b>Protection</b>			
open circuit	Ta, rated input voltage, no load	--	--
overload	Ta ,0.94-1.06 times of input voltage, 1.5 times of rated power	yes	--
Short circuit	Ta ,0.94-1.06 times of input voltage	yes	--
Over temperature	Ta ,0.94-1.06 times of input voltage, temperature detected point more than 115 degree	--	--
Over voltage	Ta ,0.94-1.06 times of input voltage,output voltage is 1.5 times of rated one	yes	--
Auto recovery	Over load, short circuit and over heat revocation	yes	--
Latch off	Over voltage re-start after cut off	yes	--

## SL60-12VF

### Temperature and others

Operating temperature	--	-20° C ~ 45° C	--
Relative humidity	--	45%~ 85%	--
max. Case temp.	--	80° C	--
products life span	Max.Ta,rated input voltage,output with max.rated power		30,000hr
working noise	25°C ,rated input voltage,output with rated power ,mute box background noise<35dB,pickup 10cm distance from products		<35dB

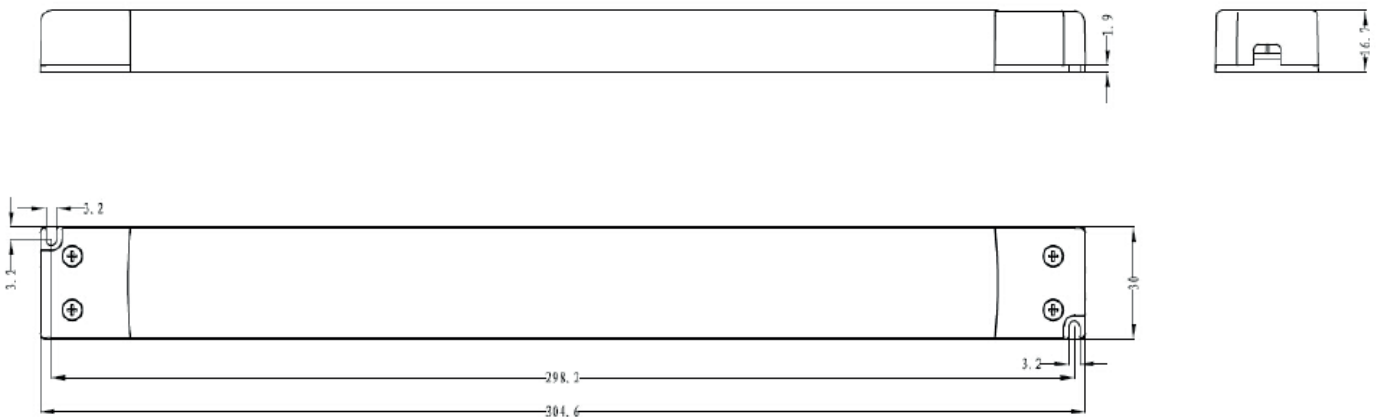
### Mechanical, mounting

Case material and size	Plastic case
Mounting ways	independent
Insulation type	Class II
IP grade	IP20
Input cables dimension	H03VVH2-F 2x0.75mm <sup>2</sup>
Output cables dimension	H03VVH2-F 2x0.75mm <sup>2</sup>
Output cables length	Max. 2000mm

### Standard request

Safety	IEC61347-1 IEC61347-2-13(with light IEC60598)
Harmonic	IEC61000-3-2 Class C
EMC	IEC55015
EMC	EN61000-4-2 3 4 5 6 EN61547

### Dimensions



**Wiring Diagram**

