

# LED Power Supply

Linear type LED drivers, high cost performance and meet SELV standard. Widely used in all kinds of advertising light boxes and board, neon lights and other applications. Can also be applied in cabinet furniture and linear luminaire field. Compliance to ERP directive, lifetime 30,000hrs. Slim design save much space for installation. Dimmable design meet the requirements for dimming of all kinds of linear light.



items	conditions	request	note
<b>Input</b>			
Input voltage	Ta	180-264Vac	--
Input Frequency		50/60Hz	--
Input Current	25°C, rated input voltage, output with max. rated power	<0.5A	--
Input Power		<75W	--
Efficiency		≥88%	--
Standby	25°C rated 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	24V±5%	--
Output current range	Ta, rated input voltage	0-2.5A	60W
Output voltage wave	25°C, rated input voltage, output with max. rated power	600mV	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	--	lp-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	--

# SL60-24VF

## 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		yes

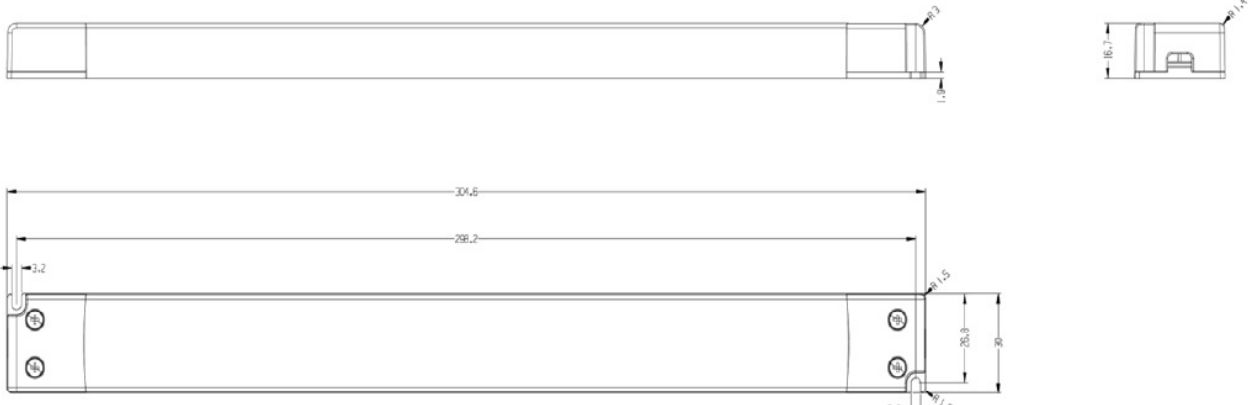
## Mechanical, mounting

Case material and size	Plastic case		
Mounting ways	independent		
Insulation type	Class II		
IP grade	IP20		
Input cables dimension	H03VVH2-F 2x0.75mm2		
Output cables dimension	H03VVH2-F 2x0.75mm2		
Output cables length	Max. 2000mm		

## Standard request

Safety	IEC61347-1 IEC61347-2-13		
Harmonic	EN61000-3-2 Class C		
EMC	IEC55015		
EMC	EN61000-4-2 3 4 5 6 EN61547		

## Dimensions



## Wiring Diagram

