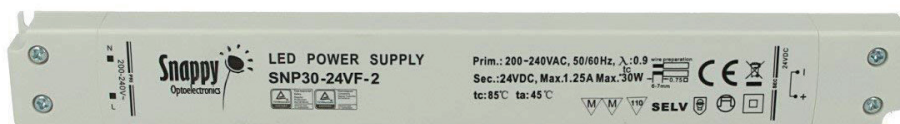


LED DRIVER TECHNICAL SPEC

Constant Voltage Led Driver | Input 200-240V_{AC} | Output 24V_{DC}

- Input Frequency: 50/60Hz
- Output Power: 30W
- Open Circuit; Short Circuit; Over Load;
Over Heat Protection



items	conditions	request	note
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1.input

1.1 rated input voltage	Ta	AC200-240V	
1.2 input voltage scope	Ta	AC180-264V	
1.3 input voltage frequency	Ta	50/60Hz	
1.4 input current		<0.22A	
1.5 input power	25°C, input rated voltage, output max rated load	<37W	
1.6 Efficiency	25°C, input rated voltage, output max rated load	85%	Type
1.7 power consumption without load	25°C, input rated voltage, output without load	<0.5W	Average
1.8 power factor	25°C, input rated voltage, output max rated load	≥0.90	
1.9 input surge current	25°C, input rated voltage, output max rated load	<60A	Peak

2.output

2.1 startup time	25°C, input rated voltage, output max rated load	<0.5S @180Vac 50Hz	
2.2 constant output current and precision	Ta, input rated voltage, output max rated load	--	lp-p
2.3 rated output power/ led lights quantity	Ta, input rated voltage	--	
2.4 output current ripple wave	25°C, input rated voltage, output max rated load	--	
2.5 overshoot	25°C, input rated voltage, output for 2 lights connection,	--	
2.5 rated output voltage and precision	Ta, input rated voltage, output rated load	24V±5%	
2.6 output voltage ripple wave	25°C, input rated voltage, output max rated load	250mV	Vp-p
output current	Ta, input rated voltage	0 - 1,25	A
2.7 output open circuit voltage	Ta, input rated voltage, output without load		
2.8 dimmable mode		--	
2.9 dimmable scope		--	

3. protection

3.1 open circuit protection	Ta, input rated voltage, output without load	--	
3.2 overload protection	Ta, input 0.94-1.06 times rated voltage, output 1.1 times rated load	yes	
3.3 short circuit protection	Ta, input 0.94-1.06 times rated voltage, output short circuit for 1 hour	yes	
3.4 over heat protection	before Tc temperature reaches 115°C	--	
3.5 automatically re-start	Ta, overload, short circuit, over heat protection retreated	yes	

4. temperature and others

4.1 working temperature		-20°C~45°C	
4.2 relative humidity		45% ~ 85%	
4.3 max cover temperature		85°C	<90°C

5. mechanical structure, mounting and connection way

5.1 cover material and sizes	plastic cover, L251 x W30 x H16mm
5.2 mounting mode	independent
5.3 anti-electric shock	Class II
5.4 protection grade	IP20
5.5 input connection way	H03VVH2-F 2X0.75mm ²
5.6 output connection way	H03VVH2-F 2X0.75mm ²
5.7 output wires length	2meter max

6. Standard request

6.1 safety	IEC61347-1, IEC61347-2-13		
6.2 harmonic	25°C, input rated voltage,MAX rated load	IEC61000-3-2	
6.3 EMI	25°C , input rated voltage,load is typical lights	IEC55015	
6.4 EMS	25°C, input rated voltage,load is lights	IEC61547	
6.5 Mark	F and MM mark		
Made by		version	A1
Audit			
Approved			

7. Dimensions in mm
