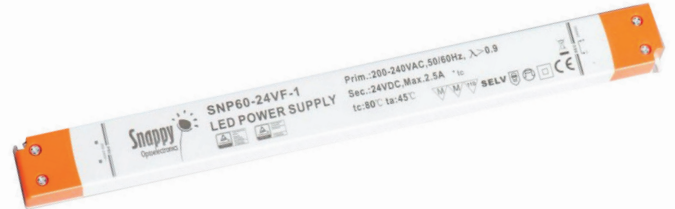


# LED POWER SUPPLY

linetype design,very helpful for the limited space lighting applications,it has advantages in cabinet, furniture and light boxes application,meet new EU directive and ErP request,lifetime reach 30000hrs.



items	conditions	request	note
<b>Input</b>			
input voltage	Ta	AC180-264V	
input frequency		50/60Hz	
input current	25°C ,input rated voltage, output max rated load	<0.6A	
input power		88W	
Efficiency		≥89%	
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	≥ 0.9	

<b>Output</b>			
startup time	25°C ,rated input voltage, output with max. rated power	<0.5S	
Output voltage and precision	rated input voltage, output with max. rated power	24V±5%	
Output current range	Ta ,rated input voltage	0-3.125A	75W
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	--	Ip-p
Dimming mode		--	
Dimming range		--	

<b>Protection</b>			
open circuit	Ta, rated input voltage, no load	--	--
over load	Ta, 0.94-1.06 times of input voltage, 1.8times 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 pointed 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 revocation	yes	--
Latch off	Over voltage re-start after cut off	yes	--

**Temperature and others**

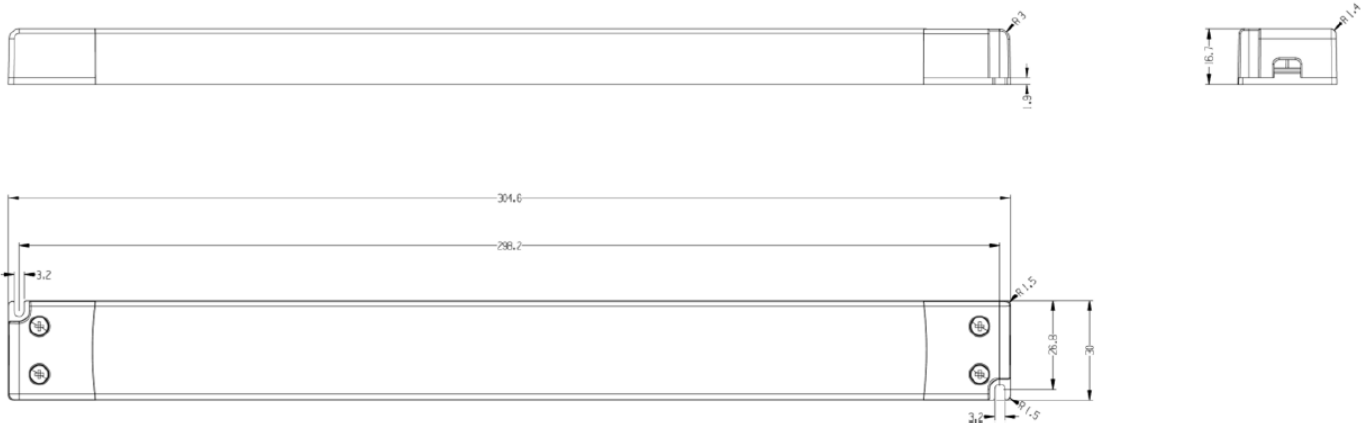
operation temperature	--	-20° C – 45° C	--
Relative humidity	--	45%~ 85%	--
max case temperature	--	90° C	--
lifetime	Max.Ta,rated input voltage,output with max.rated power		30,000hr
working noise	25°C ,rated input voltage,output with rated power, mute box background noise<35dB, pickup 10cm distance from products		yes

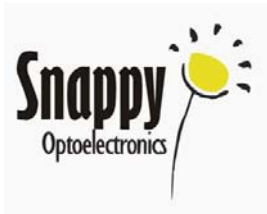
**Mechanical, mounting**

Case material and size	Plastic case
Mounting ways	Independent
Insulation type	Class II
IP grade	IP20
Input cables dimension	H03VVH2-F 2X0.75mm <sup>2</sup>
Output cables dimension	H03VVH2-F 2X0.75mm <sup>2</sup>
Protection Output cables length	MAX 2M

**Standard**

Safety	IEC61347-1, IEC61347-2-13
Harmonic	EN61000-3-2 Class C
EMI	EN55015
EMS	EN61000-4-2, 3, 4, 5, 6 EN61547

**Dimensions**




Ningbo Snappy Optoelectronics Co.,Ltd. No.56 Keda Road, Hi-teck park of  
Ningbo,315040

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## CE Declaration of Conformity

Model name: SNP100-24VF-1, SL75-24VF,  
SNP150-24VF-1

Name and address of the manufacturer:  
NINGBO SNAPPY OPTOELECTRONICS CO.,LTD.  
NO.56 KEDA ROAD, HI-TECH PARK OF  
NINGBO,315040

The object of the declaration described above is  
in conformity with the relevant Union  
harmonisation legislation:  
2014/30/EU(EMC) 2014/35/EU(LVD)  
2011/65/EU(RoHS)

References to the relevant harmonised standards  
used:

EN61547:2009  
EN61347-1:2015  
EN61347-2-13:2014  
EN62493:2015  
EN55015:2013  
EN61000-3-2:2014  
EN61000-3-3:2013

Signed for and on behalf of:  
NINGBO SNAPPY OPTOELECTRONICS CO.,LTD.

Place and date of issue:  
NINGBO, CHINA, FEB.4 OF 2017

Name, Function, Signature:

Sales: 宁波赛耐比光电科技股份有限公司  
Eunice NINGBO SNAPPY OPTOELECTRONICS CO., LTD.

张莉

Tel: 0086-574-27902806 Fax:0086-574-27902805 www.snappy.cn

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