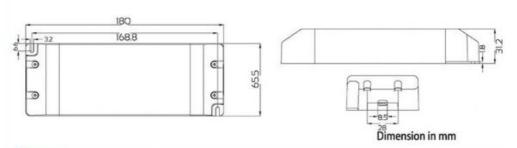


	SNP100-VL(UE)
Hits:	1006
Category:	UE Series LED Power Supply
Model:	LED drivers/LED power supply

Product details



Characteristics

Rated input voltage: ACIOO-240V 50/60Hz (power factor measured at AC230V and full load)

Model No.	Constant output voltage	Load	Max output Current	PF	Та	Tc	L×W×H
SNP100-12VL(UE)	12V	0-100W	8.33A	≥ 0.9	45°C	80°C	180X65.5X31.2
SNPI00-24VL(UE)	24V	0-100W	4.16A	≥0.9	45℃	80°C	180X65.5X31.2
SNPIOO-36VL(UE)	36V	O-100W	2.77A	>0.9	45℃	80°C	180X655X312

Reliable Technical Data

- Rated Input Voltage:100-240VAC
- Input Frequency:50/60Hz
- Output Power:100W
- · Body:PC
- Open Circuit; Short Circuit; Over Load;
- Over Heat Protection

- Safety According to EN61347-1,EN61347-2-13
- EMI According to EN55015
 EMS According to EN55015
 EMS According to EN61000-3-2;EN61000-3-3;EN61547
 EMF According to EN62493-2010
 ERP According to EN1194-2012

- Conforms to UL Std. 1310 8750(only cv for class 2)
 Cert.to CAN/CSA Std. C22.2 No.233-M91

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LED DRIVER TECHNICAL SPEC									
CODE	SNP100-24VL(UE)								
Description	Constant voltage Led driver,input 100-240V AC,output 24V DC	,	ı						
items	conditions	request	note						
1.input									
1.1 rated input voltage	Та	AC100-240V							
1.2 input voltage scope	Та	AC90-264V							
1.3 input voltage frequency	Та	50/60Hz							
1.4 input current	25°C,input rated voltage, output max rated load	<1.5A							
1.5 input power	25°C,input rated voltage, output max rated load	<120W							
1.6 Efficiency	25°C,input rated voltage, output max rated load	≥90%	Typical						
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	Ĭ						
1.9 input surge current	25°C,input rated voltage, output max rated load	<75A	Peak						
2.output									
2.1 time to start	25°C,input rated voltage, output max rated load	<0.5S@230V 50H	z						
2.2 Max output current	Under Ta,input rated voltage, output rated load	4.17A Max.							
2.3 rated output power/led lights quantity	Under Ta,input rated voltage		VF=3.6V						
2.4 output current ripple	25°C,input rated voltage, output max rated load		Ip-p						
2.5 overshoot	25°C,input rated voltage, output max rated load 25°C,input rated voltage,output for 2 lights connection,		iρ-p						
	Under Ta,input rated voltage,output rated load	24V±5%							
z.5 rated output voltage and precison c.6 output voltage ripple	25°C,input rated voltage, output max rated load	<500mV	Vp-p						
		<26V	√ρ-р						
2.7 output open circuit voltage	Under Ta,input rated voltage, output without load	<26V							
2.8 dimmable mode									
2.9 dimmable scope	1								
3. protection		"							
3.1 open protection	25°C,input rated voltage, output without load								
3.2 overload protection	Under Ta,input 0.94-1.06 times rated voltage,output 1.1 times rated load	yes							
3.3 short protection	Under Ta,input 0.94-1.06 times rated voltage,output short circuit for 1 hour	yes							
3.4 over temperature protection	before Tc temperature reachs 115℃	"							
3.5 automatic re-start	Under Ta overload, short, over temperature protection retreated	yes	<u> </u>						
4. temperature and others		1							
4.1 working temperature		-20℃~45℃							
4.2 comparative humidity		45%~85%							
4.3 max cover temperature		80℃	<90℃						
4.4 products life span	Under max Ta,input rated voltage and output max rated load 25°C,input rated voltage,output rated load,background noise<30dB, voice source	30000hr							
4.5 working noise	is 10cm far away from product	<35dB							
5. mechanical structure, mounting and o	connection way								
5.1 cover material and sizes	Plastic housing ,180mmX65.5mmX31.2mm								
5.2 moutning ways	independent								
5.3 anti-electric shock	Class II								
5.4 protection grade	IP20								
5.5 input connection way	1 way, terminal block,H03VVH2-F 2X0.75mm2 or SPT-2	18AWG							
5.6 output connection way	1 way, terminal block,H03VVH2-F 2X1.0mm2 or SPT-2 1	16AWG							
5.7 output wires length	2m max								
6. Standard request									
6.1 security	IEC61347-1、IEC61347-2-13(with light IEC60598)	1						
6.2 harmonic	25°C,input rated voltage,MAX rated load	IEC61000-3-2							
6.3 EMCinterfere	25°C,input rated voltage,load is typical lights	IEC55015							
6.4 EMCANTI interfere	25°C,input rated voltage,load is lights	IEC61547							
6.5 Mark	F and MM mark								
Made		version	A2						
Inspection									
Approval									

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