

5601225 SICOM ED-S 320 IP67 48V

Product Feature

European AC input (200-277VAC)

- Built-in active PFC function
- IP67, Metal Case
- Suitable for indoor and outdoor environment
- Protections: Short circuit / Over voltage/Over temperature
- Adopt metal shell and internal glue potting, can be used in dangerous situations
- Built in lightning protection device can meet the requirements of DM 4KV / CM 6kV
- Compliance to worldwide safety regulations for lighting
- 5 years warranty



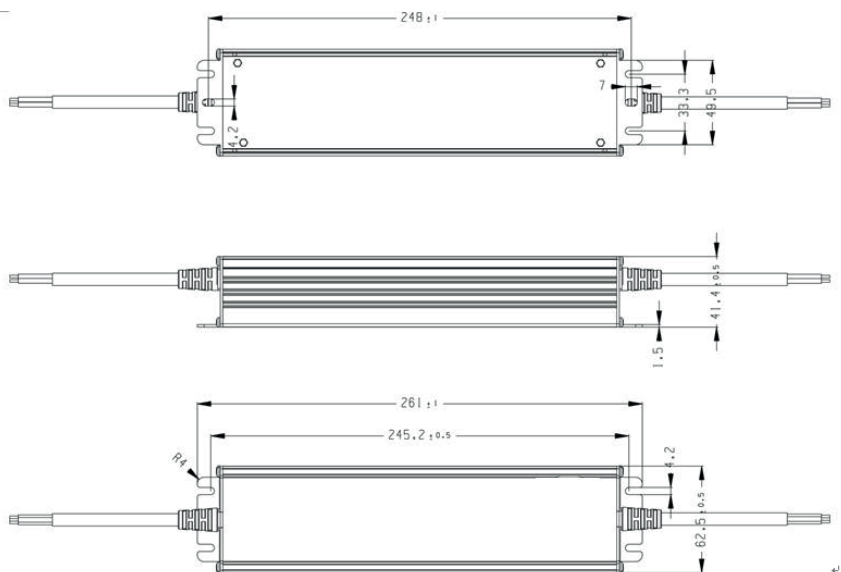
Technical Parameters

Model	5601225 SICOM ED-S 320 IP67 48V	
Input	rated DC supply voltage(Vdc)	255-431
	rated supply voltage(Vac)	200-277
	voltage range(Vac)	180-305
	line frequency(Hz)	50/60
	Input current(A)	1.6@230V
	efficiency (TYPE)	94%@full load
	average efficiency(TYPE) ³	93%
	no load power consumption(W)	≤0.5W
	power factor	0.98@full load
	Displacement factor	0.98
	THD(typ.) THD	<10%@full load 230V
	inrush current(Ipk)	85A@twidth=500us
	Leakage current (mA)	0.75@240Vac 60Hz
Output	output power(W)	320
	output voltage (V)	48
	output voltage tolerance	≤±5%
	ripple voltage(mV)	960
	Line Regulation	2%
	Load Regulation	5%
	working current range(A)	0-6.66
	SVM	0.1
	Pst	0.1
	turn on time(S)	<0.5
Protection	short circuit protection	hiccup mode, restart automatically after fault correction.
	over load protection	exceed maximum rated load times 1.1~1.6.
	Over voltage protection	Yes(latch off)
	Over temperature protection	hiccup mode.
	surge capacity	L-N: 4KV L N-GND:6KV
	Withstand Voltage	Input-Output:3000V/5mA/1min Input-gnd:1500V/5mA/1min
Ambient and Life	Ta(C)	-40...70
	Tc max.(C)	max.80
	Storage Temperature(C)	-40...80
	ambient humidity range	5%...85%RH, Not condensing
	nominal life-time(hrs)	50'000@TC 80
Others	dimensions (L×W×H)(mm)	261mm*62.5mm*41.4mm
	weight(g)	1400
	casing material	metal
	housing colour	Aluminum
	type of protection	IP67
	protection class	class I
	certificate	

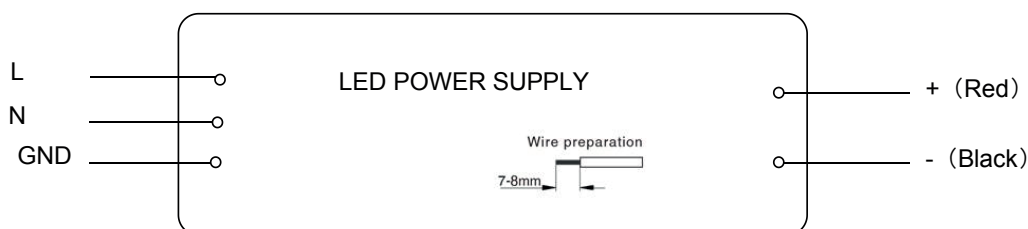
Note

- 1.Tolerance:includes set up tolerance, line regulation and load regulation.
- 2.Tested at full load,230Vac.Refer to"Power Factor" and "EFFICIENT"curve graphs.
- 3.Calculate the model's average efficiency for each test voltage by testing at 100%, 75%, 50%, and 25% of rated current and then computing the simple arithmetic average of these four values.
- 4.All parameters NOT specially mentioned are measured at nominal voltage input, rated load and 25 of ambient temperature.
- 5.The power supply is considered as a component that will be operated in combination with final equipment. Since EMC performance will be affected by the complete installation, the final equipment manufacturers must re-qualify EMC Directive on the complete installation again.

Dimension (mm)



Wiring Diagram



Standards

- EN61347-1
- EN61347-2-13
- EN61547
- EN55015
- EN61000-3-2
- EN61000-3-3
- EN62384
- EN62493

※ The contents of this manual are updated without prior notice.
If the function of the product you are using is inconsistent with the instructions, the function of the product shall prevail.
Please contact us if you have any questions.