## AC DE SWITCHING POWER SUPPLY

c**(UL)**us LISTED IND.CONT.EQ. 52GB E225775 LP1025D SERIES

## All the patents are held accountable counterfeiting.

### **Features**



- Standard/Din Rail Mounting Dual Purpose
- No-load Consumption is lower than 0.3W
  - Comply with High Efficiency Power 80Plus Criterion
- •Comply with 2010. Energy Conservation Power Erp Regulation

Hold-up time 13ms Short protection Autorecovery

**Over load protection** Automatic power limited

- Convection cooled high reliability
- 100% burn-in test
- •1 years warranty

90~264VAC

47~63Hz

127~380VDC

40A/110VAC 80A/220VAC

Output modify range: 3V~200VDC

**OUTPUT** 

DIMENSIONS:102(H)\*35(D)\*45(W)mm WEIGHTS: 117g

## **General specifications**

#### INPUT

Input range

Input frequency Inrush current (25°C)

No Frame Ground Design

## **Detail specifications**

## 20~25 Watts

MODEL	O/P Volt Adj. ± %	Load(Current)			Ripple	Line Load		Efficiency	
		Min. R	ated Ma	x.	oc Noise 4	REG. REG.		2 3 5	0.V.P
LP1020D-05S	V : +5V ±10%	0A.	4A.	4A	80mV	±1%	±1%	82% Ref.	7.13 ~ 7.88V
LP1025D-12S	V:+12V±10%	0A	2.1A	2.1A	120mV	±1%	±1%	85% Ref.	17.1 ~ 18.9V
LP1025D-24S	V:+24V±10%	0A	1A	1A	240mV	±1%	±1%	86% Ref.	31.4 ~ 34.7V
LP1025D-48S	V:+48V±10%	0A	0.52A	0.52A	480mV	±1%	±1%	87% Ref.	64.6 ~ 71.4V

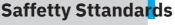
#### Please Choose Fit Function, And Fill In The Blank With Suitable Words.

Order Model:LP1025D-12S 📮

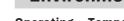
Optional Function: Terminal Block: " " : PCB Barrier Terminal Block "E" : ◀ Mini Terminal Block

## **CE Standards**

EN 55032, EN 55035, EN 61000-3-2, EN 61000-3-3, (EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-8, EN 61000-4-11) LVD: EN 62368-1



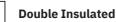




## Environments

**Operating Temperature** -15 ~ 50oC, Ambient **Operating Humidity**20 ~ 90% RH, No Condensing Storage Temperature-20 85oC, Ambient Vibration2G, 10~500Hz, 3 axes





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LP1025D SERIES

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NOTE

- 1. Each output can provide up to maximum load, but total load can not exceed rated output power.
- Line regulation is measured from low line to high line at rated load.
  Line regulation is measured from 20% to 100% of rated load at 220VAC input.
  Ripple & Noise are measured with 20MHz oscilloscope at 220VAC by using a 20cm long 12" twisted pair-wire with a 0.1uF/630V metal capacitor & a 47uF electrolytic capacitor parallel on the test point.
  Efficiency is measured at rated load and 220VAC input.
  Hold-up time is measured at rated load and 220VAC input.
  With Core not III cafety approval.

- 7. With are no UL safety approval.
  8. Output Voltage Adjustable is measured on 5% of rated load.
- 9. Reign Power reserve the right to change specifications at any time without notice.

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