



All the patents are held accountable counterfeiting.

Features



Green Power

- 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
- Convection cooled high reliability
- 100% burn-in test
- 2 years warranty
- Output modify range: 3V~200VDC

DIMENSIONS:102(H)*35(D)*45(W)mm

WEIGHTS: 117g

General specifications

INPUT

Input range

90~264VAC

127~380VDC

47~63Hz

Input frequency

Max. I/P current / Inrush current (25°C)

0.52A/40A@110VAC

0.37A/80A@220VAC

No Frame Ground Design

OUTPUT

Hold-up time

13ms

Short protection

Autorecovery

Over load protection

Automatic power limited

Detail specifications

20~25 Watts

MODEL	O/P Volt Adj. ± %	Load(Current) ¹			Ripple & Noise ⁴	Line REG. ²	Load REG. ³	Efficiency ⁵	O.V.P
		Min.	Rated	Max.					
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

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

Safety Standards



UL 508 APPROVAL



CE Marking



Double Insulated

Environments

Operating Temperature

-15 ~ 50°C, Ambient

Operating Humidity

20 ~ 90% RH, No Condensing

Storage Temperature

-20 ~ 85°C, Ambient

Vibration

2G, 10~500Hz, 3 axes



All the patents are held accountable counterfeiting.

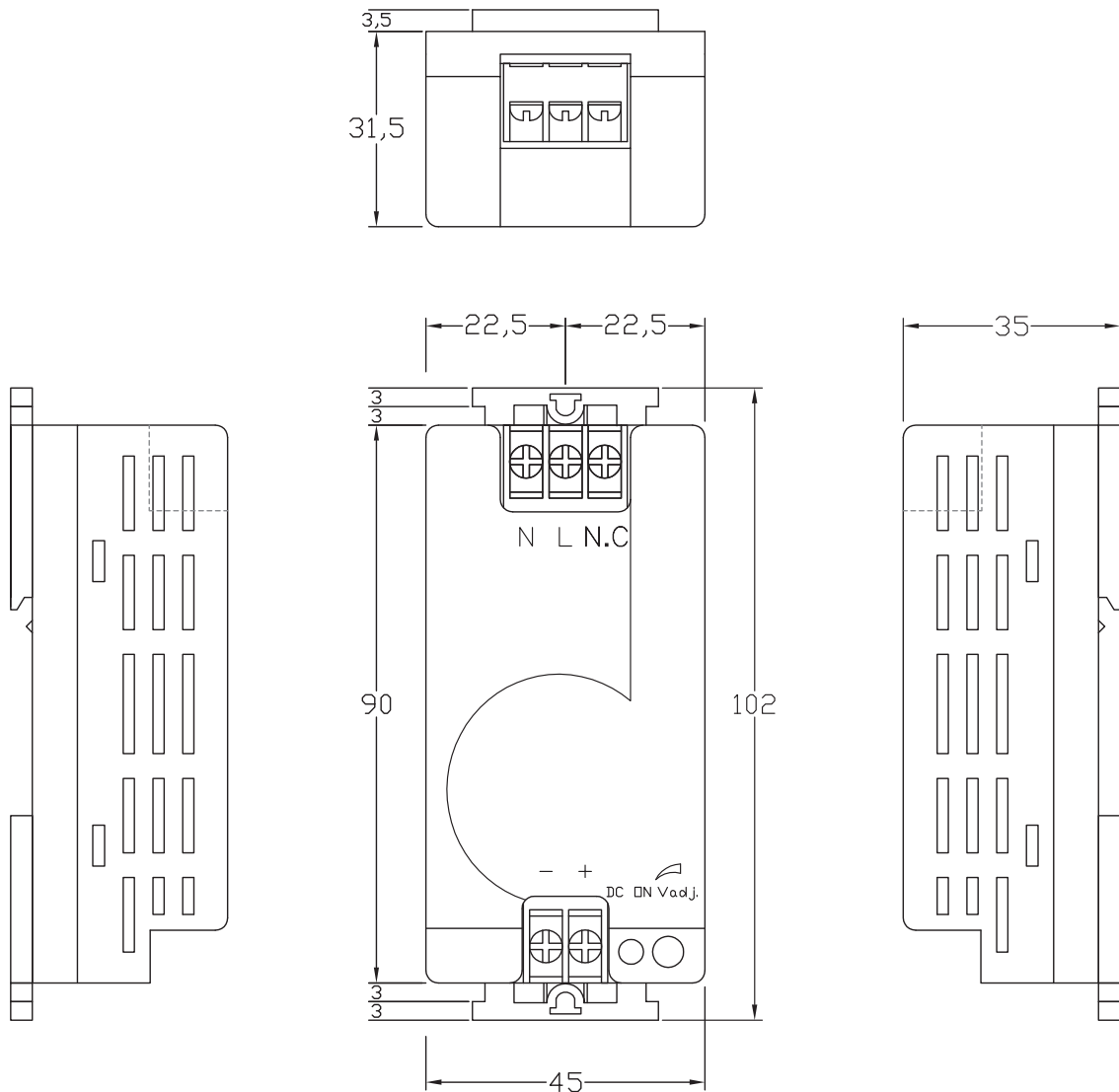
NOTE

1. Each output can provide up to maximum load, but total load can not exceed rated output power.
2. Line regulation is measured from low line to high line at rated load.
3. Load regulation is measured from 20% to 100% of rated load at 220VAC input.
4. 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.
5. Efficiency is measured at rated load and 220VAC input.
6. Hold-up time is measured at rated load and 220VAC input.
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.



All the patents are held accountable counterfeiting.

Mechanical Details



Panel Designation

CASE NO. : CS025D
 UNIT : mm
 DIMENSION : 102(H)*35(D)*45(W)
 MATERIAL : PLASTIC
 COLOR : GRAY

Symbol	Description
N	Neutral Terminal Of AC Input (No Polarity At DC Input)
L	Line Terminal Of AC Input (No Polarity At DC Input)
N.C	No connection
-	DC Negative Output Terminal
+	DC Positive Output Terminal
DC ON	Blue LED Indicator
V adj.	Potentiometer For Output Voltage



All the patents are held accountable counterfeiting.

Circuit Block Diagram

Oscillation frequency: 68KHz

