



All the patents are held accountable counterfeiting.

Features



Green Power

- Standard/Din Rail Mounting Dual Purpose
- No-load Consumption is lower than 0.3W (No Display)
- Comply with High Efficiency Power 80Plus Criterion
- Comply with 2010. Energy Conservation Power Erp Regulation
- “ Output Voltage Monitor ” Display (Optional)
- Convection cooled high reliability
- 100% burn-in test
- 2 years warranty
- Output modify range: 3V~200VDC

DIMENSIONS:103(H)\*74(D)\*45(W)mm

WEIGHTS: 181g

General specifications

INPUT

Input range 90~264VAC  
127~380VDC

Input frequency 47~63Hz

Max. I/P current / Inrush current (25°C) 0.98A/20A@110VAC  
0.60A/40A@220VAC

OUTPUT

Hold-up time 13ms

Short protection Autorecovery

Over load protection Automatic power limited

Detail specifications

40~50 Watts

MODEL	O/P Volt Adj. ± %	Load(Current) <sup>1</sup>			Ripple & Noise <sup>4</sup>	Line REG. <sup>2</sup>	Load REG. <sup>3</sup>	Efficiency <sup>5</sup>	O.V.P
		Min.	Rated	Max.					
LP1040D-05S	V : +5V ±10%	0A	8.0A	8.0A	50mV	±1%	±1%	78% Ref.	7.13 ~ 7.88V
LP1050D-12S	V : +12V ±10%	0A	4.2A	4.2A	120mV	±1%	±1%	85% Ref.	17.1 ~ 18.9V
LP1050D-15S	V : +15V ±10%	0A	3.33A	3.33A	150mV	±1%	±1%	85% Ref.	19.5 ~ 21.6V
LP1050D-24S	V : +24V ±10%	0A	2.1A	2.1A	240mV	±1%	±1%	86% Ref.	31.4 ~ 34.7V

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

Order Model: LP1050D-12S

Optional Function:

Terminal Block: " " : PCB Barrier Terminal Block

Monitor: " " : No Monitor  
"D" : Monitor Display

Type: " " : No Display Function  
"A" : Output Voltage Display

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

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.**

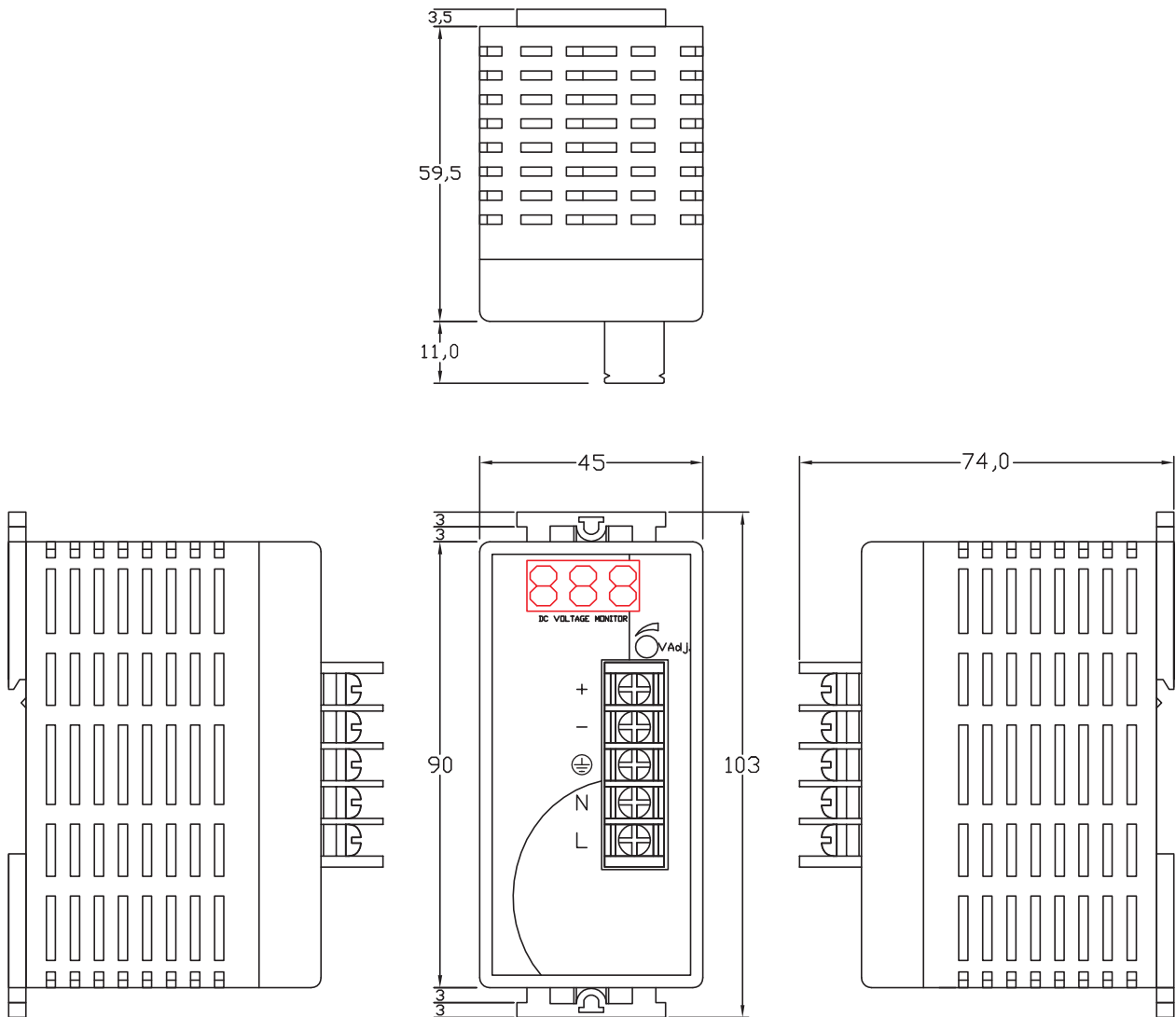
**NOTE**

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. Output voltage monitor display models. no-load power consumption of 1.5W. and no Energy Conservation Power Erp Regulation.
8. With ● are no UL safety approval.
9. Output Voltage Adjustable is measured on 5% of rated load.
10. 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. : CS024DR  
 UNIT : mm  
 DIMENSION : 103(H)\*74(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)
⊕	Grounding (Earth)
-	DC Negative Output Terminal
+	DC Positive Output Terminal
DC Voltage Monitor	Display Output Voltage
V adj.	Potentiometer For Output Voltage



All the patents are held accountable counterfeiting.

Circuit Block Diagram

Oscillation frequency: 68KHz

