



All the patents are held accountable counterfeiting.

## Features



## Green Power

- Din Rail / Screw Mounting Dual Purpose
- Easy mounting (one-step installation)
- Comply with High Efficiency Power 80Plus Criterion
- “ Output Voltage Monitor ” Display
- Convection cooled high reliability
- 100% burn-in test
- 2 years warranty
- Output modify range: 3V~200VDC

DIMENSIONS:100(H)\*83(D)\*49(W)mm

WEIGHTS: 390g

## General specifications

## INPUT

Input range 90~132/180~264VAC(Selectable)  
220~380VDC  
Input frequency 47~63Hz  
Max. I/P current / Inrush current (25°C) 2.96A/20A@110VAC  
1.63A/40A@220VAC

## OUTPUT

Hold-up time 13ms  
Short protection Autorecovery  
Over load protection Automatic power limited  
Optional 5V/3A AUX output  
for models which output voltage lower than 40VDC

## Detail specifications

## 150 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.					
LP1150D-12MA	V : +12V ±10%	0A	12.5A	12.5A	120mV	±1%	±1%	85% Ref.	17.1 ~ 18.9V
LP1150D-15MA	V : +15V ±10%	0A	10.0A	10.0A	150mV	±1%	±1%	85% Ref.	20.9 ~ 23.1V
LP1150D-24MA	V : +24V ±10%	0A	6.25A	6.25A	240mV	±1%	±1%	86% Ref.	31.4 ~ 34.7V
LP1150D-36MA	V : +36V ±10%	0A	4.16A	4.16A	360mV	±1%	±1%	87% Ref.	47.8 ~ 53.2V
LP1150D-48MA	V : +48V ±10%	0A	3.1A	3.1A	480mV	±1%	±1%	88% Ref.	64.6 ~ 71.4V
▲● LP2150D1M	V1 : +12V ±10% V2 : +5V	0A 0A	11.25A 3A	12.5A 3A	120mV 40mV	±1% ±1%	±1% ±1%	85% Ref.	17.1 ~ 18.9V 5.8~7.0V
▲● LP2150D2M	V1 : +12V ±10% V2 : +5V	0A 0A	9.6A 7A	12.5A 7A	120mV 40mV	±1% ±1%	±1% ±1%	85% Ref.	17.1 ~ 18.9V 5.8~7.0V
▲● LP2150D3M	V1 : +24V ±10% V2 : +5V	0A 0A	5.62A 3A	6.25A 3A	240mV 40mV	±1% ±1%	±1% ±1%	85% Ref.	31.4 ~ 34.7V 5.8~7.0V
▲● LP2150D4M	V1 : +24V ±10% V2 : +12V	0A 0A	5.5A 1.5A	6.25A 2A	240mV 80mV	±1% ±1%	±1% ±1%	86% Ref.	31.4 ~ 34.7V 15 ~ 18V
▲● LP2150D5M	V1 : +36V ±10% V2 : +12V	0A 0A	3.66A 1.5A	4.16A 2A	360mV 80mV	±1% ±1%	±1% ±1%	86% Ref.	47.8 ~ 53.2V 15 ~ 18V
▲● LP2150D6M	V1 : +24V ±10% V2 : +48V	0A 0A	3.25A 1.6A	3.25A 1.6A	240mV 480mV	±1% ±1%	±3% ±3%	90% Ref.	31.4 ~ 34.7V 64.6 ~ 71.4V



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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.					
LP2150D7M	V1 : +12V ±10% V2 : -12V	0A 0A	11.85A -0.65A	12.5A -0.65A	120mV 80mV	±1% ±1%	±2% ±1%	85% Ref.	17.1 ~ 18.9V -15 ~ -18V

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

Order Model: LP1150D-24MA

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 61000-3-3, (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

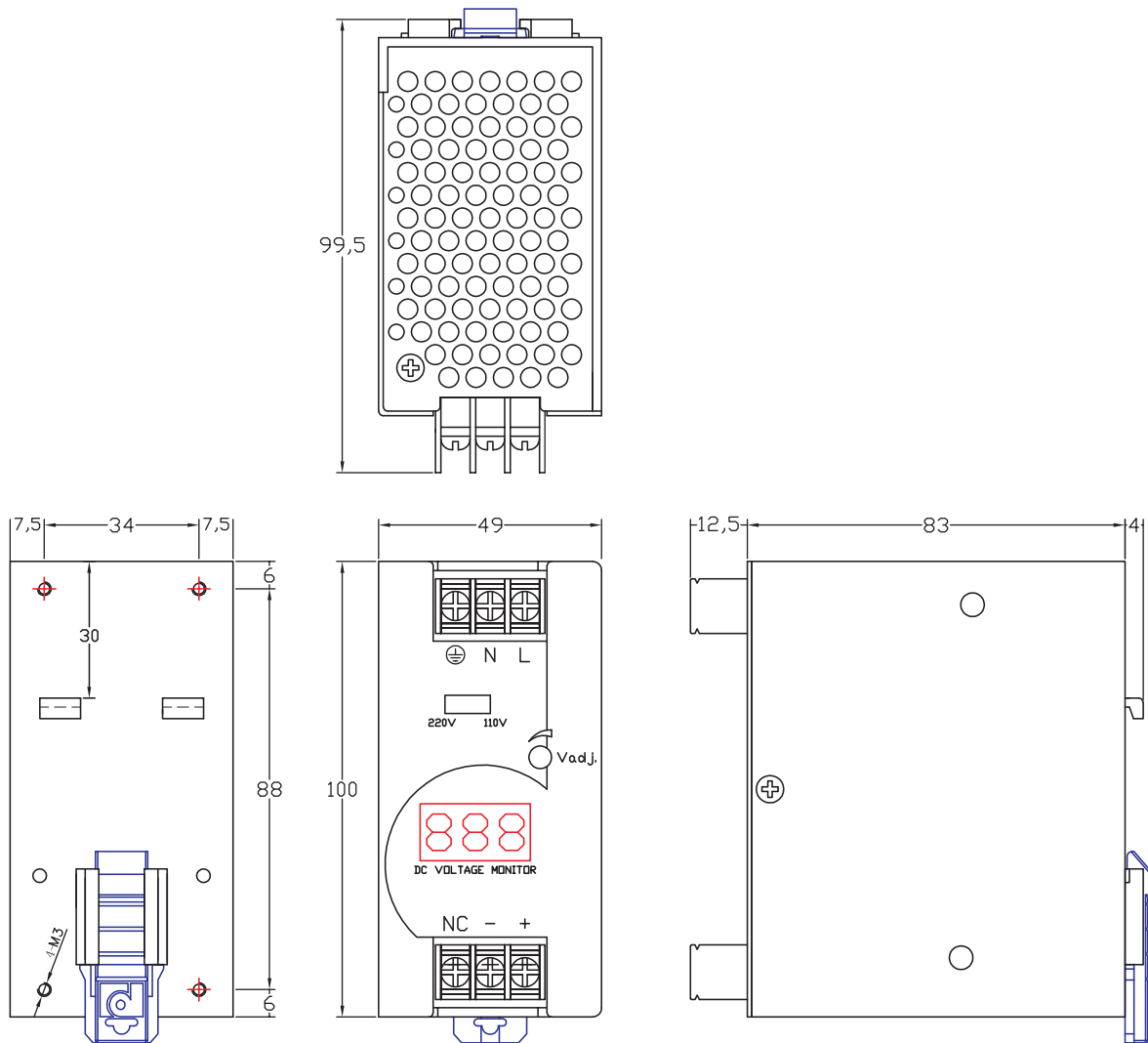
## NOTE

- 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.
- Load 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 ● are CE safety approval, but no UL safety approval.
- With ▲ are no Monitor Display ONLY.
- Output Voltage Adjustable is measured on 5% of rated load.
- The product uses metal enclosure for cooling. To ensure product lifespan, a clearance of at least 1 cm at the side of the product, 2 cm at top and bottom of the product should be maintained when installing.
- Reign Power reserve the right to change specifications at any time without notice.



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Mechanical Details



Panel Designation

CASE NO. : CS035DR  
UNIT : mm  
DIMENSION : 100(H)\*83(D)\*49(W)  
MATERIAL : ALUMINUM  
COLOR : ORIGINAL ALUMINUM

Symbol	Description
L	Line Terminal Of AC Input (No Polarity At DC Input)
N	Neutral Terminal Of AC Input (No Polarity At DC Input)
⊕	Grounding (Earth)
+	DC Positive Output Terminal
-	DC Negative Output Terminal
NC	No Output Terminal
DC Voltage Monitor	Display Output Voltage
V adj.	Potentiometer For Output Voltage



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Circuit Block Diagram

Oscillation frequency: 68KHz

