



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
- Fan speed control
- 100% burn-in test
- 2 years warranty
- Output modify range: 3V~200VDC

DIMENSIONS:100(H)\*110(D)\*60(W)mm

WEIGHTS: 550g

## General specifications

### INPUT

Input range	90~132/180~264VAC(Selectable) 220~380VDC
Input frequency	47~63Hz
Inrush current (25°C)	20A/110VAC 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

### 500 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.					
LP1500D-12MADA	V : +12V ±10%	0A	41.6A	41.6A	180mV	±1%	±2%	85% Ref.	17.1 ~ 18.6V
LP1500D-24MADA	V : +24V ±10%	0A	20.8A	20.8A	240mV	±1%	±2%	85% Ref.	31.4 ~ 34.7V
LP1500D-36MADA	V : +36V ±10%	0A	13.9A	13.9A	360mV	±1%	±2%	85% Ref.	47.8 ~ 53.2V
LP1500D-48MADA	V : +48V ±10%	0A	10.4A	10.4A	480mV	±1%	±2%	85% Ref.	64.6 ~ 71.4V
▲ LP2500D1MA	V1 : +12V ±10% V2 : +5V	0A 0A	36.25A 3A	41.7A 3A	180mV 40mV	±1% ±1%	±1% ±1%	85% Ref.	17.1 ~ 18.9V 5.8~7.0V
▲ LP2500D2MA	V1 : +12V ±10% V2 : +5V	0A 0A	33.3A 10A	41.7A 20A	180mV 40mV	±1% ±1%	±1% ±1%	85% Ref.	17.1 ~ 18.9V 5.8~7.0V
▲ LP2500D3MA	V1 : +24V ±10% V2 : +5V	0A 0A	20.2A 3A	20.8A 3A	240mV 40mV	±1% ±1%	±1% ±1%	88% Ref.	31.4 ~ 34.7V 5.8~7.0V
▲ LP2500D4MA	V1 : +24V ±10% V2 : +12V	0A 0A	20.0A 1.7A	20.8A 2A	240mV 80mV	±1% ±1%	±1% ±1%	88% Ref.	31.4 ~ 34.7V 15 ~ 18V
▲ LP2500D5MA	V1 : +36V ±10% V2 : +12V	0A 0A	13.38A 1.2A	13.9A 1.2A	360mV 80mV	±1% ±1%	±1% ±1%	85% Ref.	47.8 ~ 53.2V 15 ~ 18V
▲ LP2500D6MA	V1 : +12V ±10% V2 : -12V	0A 0A	36.85A -0.65A	41A -0.65A	180mV 80mV	±1% ±1%	±2% ±1%	85% Ref.	17.1 ~ 18.9V -15 ~ -18V
▲ LP2500D7MA	V1 : +48V ±10% V2 : +12V	0A 0A	10A 1.2A	10.4A 1.2A	480mV 80mV	±1% ±1%	±1% ±1%	88% Ref.	64.6 ~ 71.4V 15 ~ 18V



**All the patents are held accountable counterfeiting.**

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

Order Model: LP1500D-24MA

Optional Function:

Terminal Block: " " : PCB Barrier Terminal Block ← Monitor: " " : No Monitor ← Type: " " : No Display Function ←  
 "D" : Monitor Display ← "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 Meet



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

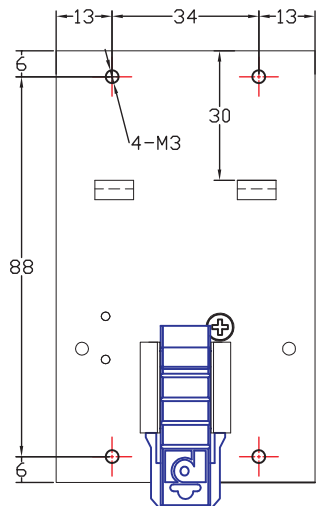
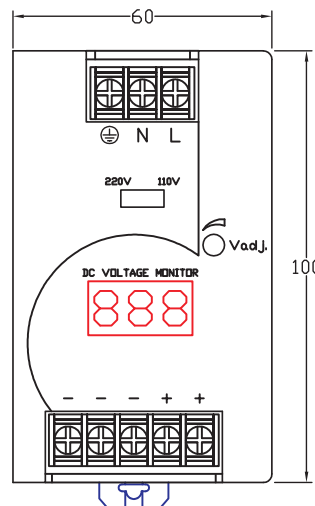
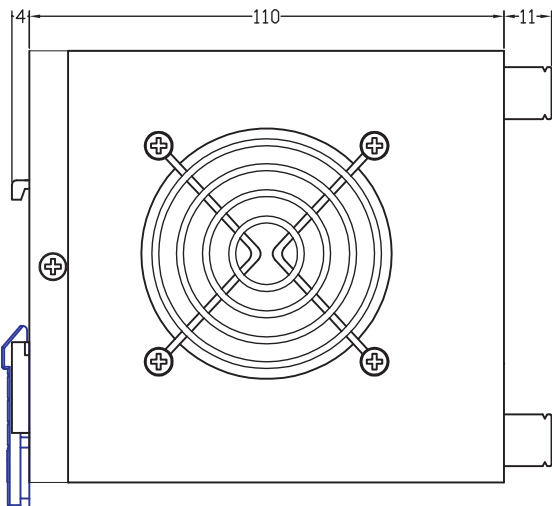
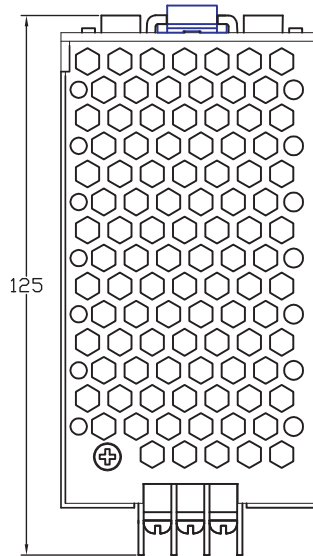
### NOTE

- 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 no CE 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.



All the patents are held accountable counterfeiting.

Mechanical Details



Panel Designation

CASE NO. : CS060DR  
UNIT : mm  
DIMENSION : 100(H)\*110(D)\*60(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
DC Voltage Monitor	Display Output Voltage
V adj.	Potentiometer For Output Voltage