



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(PCB damp proof process)
- 100% burn-in test
- 1 years warranty
- Output modify range: 3V~200VDC

DIMENSIONS:100(H)\*110(D)\*90(W)mm

WEIGHTS: 820g

## 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-12M | V : +12V ±10%              | 0A                         | 37.5A        | 41.6A        | 180mV                       | ±1%                    | ±2%                    | 85% Ref.                | 17.1 ~ 18.6V             |
| LP1500D-24M | V : +24V ±10%              | 0A                         | 20.8A        | 20.8A        | 240mV                       | ±1%                    | ±2%                    | 85% Ref.                | 31.4 ~ 34.7V             |
| LP1500D-48M | V : +48V ±10%              | 0A                         | 10.4A        | 10.4A        | 480mV                       | ±1%                    | ±2%                    | 85% Ref.                | 64.6 ~ 71.4V             |
| LP2500D1M   | V1 : +12V ±10%<br>V2 : +5V | 0A<br>0A                   | 36.25A<br>3A | 41.7A<br>3A  | 180mV<br>40mV               | ±1%<br>±1%             | ±1%<br>±1%             | 85% Ref.                | 17.1 ~ 18.9V<br>5.8~7.0V |
| LP2500D2M   | V1 : +12V ±10%<br>V2 : +5V | 0A<br>0A                   | 33.3A<br>10A | 41.7A<br>20A | 180mV<br>40mV               | ±1%<br>±1%             | ±1%<br>±1%             | 85% Ref.                | 17.1 ~ 18.9V<br>5.8~7.0V |
| LP2500D3M   | V1 : +24V ±10%<br>V2 : +5V | 0A<br>0A                   | 20.2A<br>3A  | 20.8A<br>3A  | 240mV<br>40mV               | ±1%<br>±1%             | ±1%<br>±1%             | 88% Ref.                | 31.4 ~ 34.7V<br>5.8~7.0V |

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

Order Model: LP1500D-24M

Optional Function:

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

"E" : Mini Terminal Block ← "D" : Monitor Display ← "A" : Output Voltage Display ←

## CE Standards

EN 55032, EN 55024,  
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 60950-1

## Safety Standards

LISTED  
IND. COUNT. EQ.  
528B E225775

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



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**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 Adjustable is measured on 5% of rated load.
8. Reign Power reserve the right to change specifications at any time without notice.