



AC → DC SWITCHING POWER SUPPLY

LP1500D SERIES

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) ¹			Ripple & Noise ⁴	Line REG. ²	Load REG. ³	Efficiency ⁵	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%	0A	36.25A	41.7A	180mV	±1%	±1%	85% Ref.	17.1 ~ 18.9V 5.8~7.0V
	V2 : +5V	0A	3A	3A	40mV	±1%	±1%		
LP2500D2M	V1 : +12V ±10%	0A	33.3A	41.7A	180mV	±1%	±1%	85% Ref.	17.1 ~ 18.9V 5.8~7.0V
	V2 : +5V	0A	10A	20A	40mV	±1%	±1%		
LP2500D3M	V1 : +24V ±10%	0A	20.2A	20.8A	240mV	±1%	±1%	88% Ref.	31.4 ~ 34.7V 5.8~7.0V
	V2 : +5V	0A	3A	3A	40mV	±1%	±1%		

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

Order Model: LP1500D-24M ☐ ☐ ☐

Optional Function:

Terminal Block: " " : PCB Barrier Terminal Block

"E" : Mini Terminal Block

Monitor: " " : No Monitor

"D" : Monitor Display

Type: " " : No Display Function

"A" : Output Voltage Display

CE Standards

EN 55022 CLASS A, 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



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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REIGNPOWER
S.M.P.S



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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.