AC ➡ DC SWITCHING POWER SUPPLY — LP1500DMA 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
- 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) [1]			Ripple & Noise [4]	Line REG. [2]	Load REG. [3]	Efficiency [5]	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 / 1.5A	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 / 1.5A	13.9A / 2A	360mV / 80mV	±1% / ±1%	±1% / ±1%	85% Ref.	47.8 ~ 53.2V / 15 ~ 18V

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

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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 62368-1:2014

Safety Standards

c **UL** us
LISTED
IND.CONT.EQ.
52GB E225775

UL 508 Meet

CE **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

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. **With ● are no CE safety approval.**
8. **With ▲ are no Monitor Display ONLY.**
9. **Output Voltage Adjustable is measured on 5% of rated load.**
10. **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.**
11. **Reign Power reserve the right to change specifications at any time without notice.**