AC ➡ DC SWITCHING POWER SUPPLY

LP1500DMA SERIES

All the patents are held accountable counterfeiting.

Features

CE

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
"E" : Mini Terminal Block

Monitor: " " : No Monitor
"D" : Monitor Display

Type: " " : No Display Function
"A" : Output Voltage Display

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REIGNPOWER S.M.P.S

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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

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.

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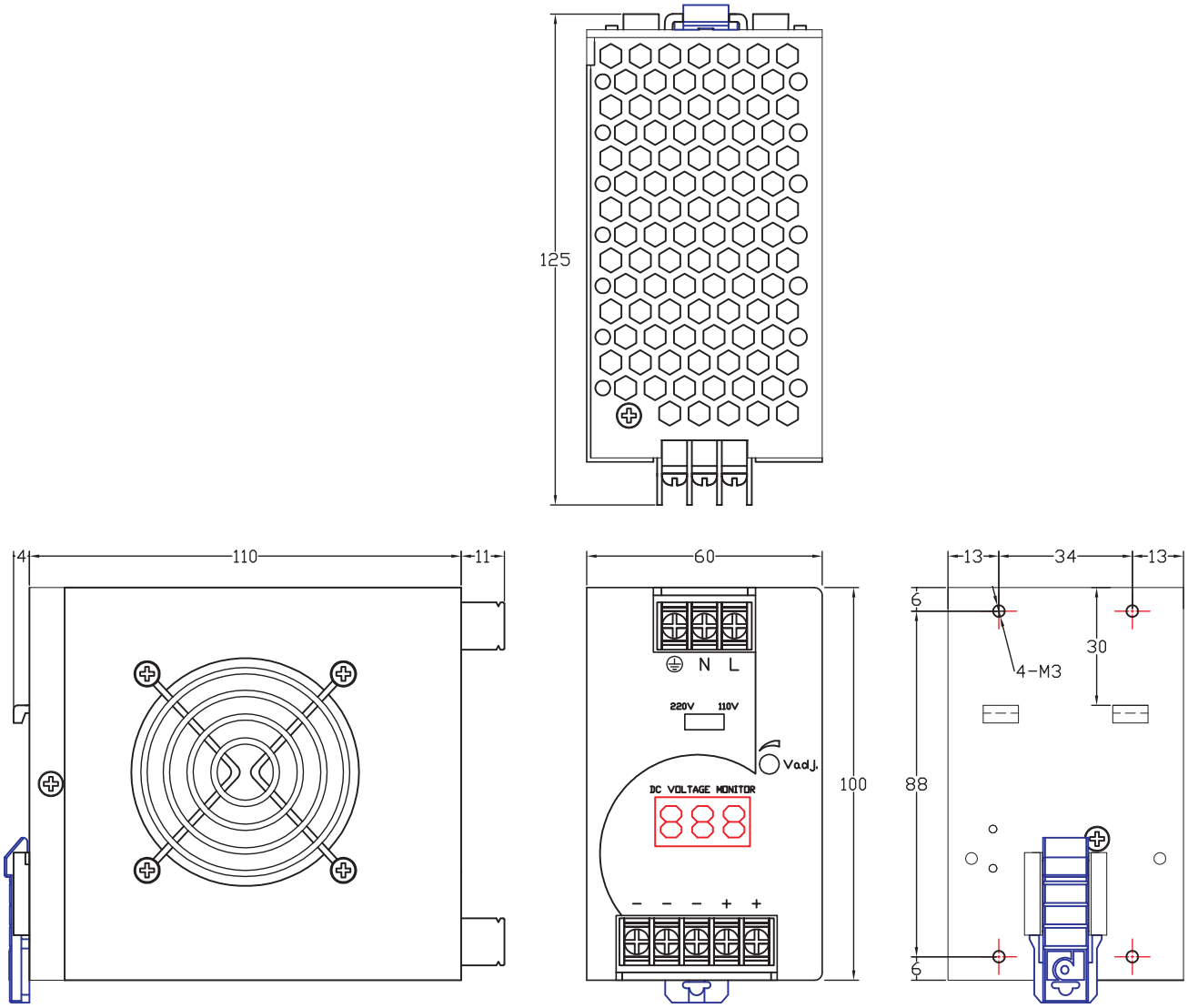
Mechanical Details



CASE NO. : CS060DR
UNIT : mm
DIMENSION : 100(H)*110(D)*60(W)
MATERIAL : ALUMINUM
COLOR : ORIGINAL ALUMINUM

Panel Designation

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

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