AC ➡ DC SWITCHING POWER SUPPLY

LP1300D SERIES

All the patents are held accountable counterfeiting.

Features



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

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
- Convection cooled high reliability
- 100% burn-in test
- 2 years warranty
- Output modify range: 3V~200VDC

DIMENSIONS:100(H)*110(D)*60(W)mm **WEIGHTS: 740g**

General specifications

INPUT

Input range	90~132/180~264VAC(Selectable) 220~380VDC
Input frequency	47~63Hz
Inrush current (25°C)	25A/110VAC 55A/220VAC

OUTPUT

Hold-up time	13ms
Short protection	Autorecovery
Over load protection	Automatic power limited

Constant output current control by 0~5V terminal signal (Optional)
Optional 5V/3A AUX output
for models which output voltage lower than 40VDC

Detail specifications

300 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.					
LP1300D-24M	V : +24V ±10%	0A	12.5A	12.5A	240mV	±1%	±1%	88% Ref.	31.4 ~ 34.7V
LP1300D-36M	V : +36V ±10%	0A	8.3A	8.3A	360mV	±1%	±1%	90% Ref.	47.8 ~ 53.2V
LP1300D-48M	V : +48V ±10%	0A	6.25A	6.25A	480mV	±1%	±1%	90% Ref.	64.6 ~ 71.4V
LP2300D1M	V1 : +24V ±10% V2 : +5V	0A 0A	11.88A 3A	12.5A 3A	240mV 40mV	±1% ±1%	±1% ±1%	87% Ref.	31.4 ~ 34.7V 5.8~7.0V
LP2300D2M	V1 : +36V ±10% V2 : +5V	0A 0A	7.9A 3A	8.3A 3A	360mV 40mV	±1% ±1%	±1% ±1%	89% Ref.	47.8 ~ 53.2V 5.8~7.0V

Please Choose Fit Function,And Fill In The Blank With Suitable Words.
Order Model:LP1300D-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
Current: " " : No constant current function
"A" : Constant current by 0~5V signal

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

c UL us LISTED IND.CONT.EQ. 52GB E225775 **UL 508 APPROVAL**

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

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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. With ● are CE safety approval, but no UL safety approval.
8. Output Voltage Adjustable is measured on 5% of rated load.
9. Reign Power reserve the right to change specifications at any time without notice.

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