AC ➡ DC SWITCHING POWER MODULE

LP300DM SERIES

Patents held.

Features

c UL us LISTED

CE

Green Power

- Easy Din Rail mounting
- Compliant with High Efficiency 80Plus Criteria
- " Output Voltage Monitor " Display
- Convection cooled
- Wide input range
- 100% burn-in test
- 1 years warranty
- Output modification range 3~200VDC (specials only)

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)	20A/110VAC 40A/220VAC

OUTPUT

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

Detail specifications

300 Watts 24Vdc model (LP1300D-24MDA) stocked in UK - 36V & 48V models available on request

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%	90% 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

Please choose functions, and fill In the blanks with appropriate suffix.

Order Model:LP1300D-XXM□□□

Optional Function:

Terminal Block: " " : PCB Barrier Terminal Block
"E" : Mini Terminal Block

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

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

EMC Standards

EN 55022 CLASS A
EN 61000-3-3,
EN 55024 (IEC 61000-4-2,
IEC 61000-4-3,iEC 61000-4-4,
IEC 61000-4-5IEC 61000-4-6,
IEC 61000-4-8IEC 61000-4-11)

Safety Standards

c UL us LISTED **UL 508 Certificate**

CE **CE Marking**

Environments

Operating Temperature	-15 ~ 50°C, Ambient
Operating Humidity	5 ~ 95% 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 at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor.**
5. **Efficiency is measured at rated load and 220VAC input.**
6. **Hold-up time is measured at rated load and 220VAC input.**
7. **Reign Power reserve the right to change specifications at any time without notice.**

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