

Green Power

AC to DC Switching Power Supplies



- **High efficiency switching power supplies comply with 80 Plus power supply efficiency standard**
- **No fans, convection cooled**
- **DIN rail mounting**
- **Aluminum body enclosure (100 watt and above)**
- **Efficiency at full load (230 vac input) over 85%**
- **120/240 vac input with a wide voltage range**
- **Output voltage monitor (except 25 w unit)**
- **Automatic recovery short circuit protection**
- **Automatic power limitation in case of an overload**
- **Line and load regulation of +/- 1 %**
- **“Finger Safe” terminals**
- **13 ms hold up time**
- **100 % burn in test**
- **1 year warranty**
- **CE and UL 508 listed (File number E225775 52F8)**

Model	Power	Load	Output*	Efficiency	Height	Width	Depth
LP1025D-24S	24 W	1.0 A	24 vdc	88 %	102 mm	45 mm	35 mm
LP1050D-24SDA	50 W	2.1 A	24 vdc	86 %	102 mm	45 mm	75.5 mm
LP1100D-24MDA	100 W	4.2 A	24 vdc	86 %	100 mm	49 mm	83 mm
LP1150-24MADA	150 W	6.25 A	24 vdc	86 %	100 mm	49 mm	83 mm
LP1300D-24MDA	300 W	12.5 A	24 vdc	90 %	100 mm	60 mm	110 mm
LPS1500D-24MDA	500 W	20.8 A	24 vdc	89 %	99 mm	125 mm	112 mm

* Other output voltages are available.

General Specifications

INPUT

Input range 90~132/180~264 VAC(Selectable)
220~380 VDC
Input frequency 47~63 Hz
Inrush current (25°C) 20 A @ 110 VAC
40 A @ 220 VAC

OUTPUT

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

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 61000-4-5, IEC 61000-4-6,
IEC 61000-4-8, IEC 61000-4-11)



UL 508 Certificate
CE Marking

Environmental Standards

Operating Temperature -15 ~ 50 C, Ambient
Operating Humidity 5 ~ 95% RH, Non-condensing
Storage Temperature -20 ~ 85 C, Ambient
Vibration 2 G, 10 ~ 500 Hz, 3 axes

NOTES

- Line regulation is measured from low line to high line at rated load.
- Load regulation is measured from 20% to 100% of rated load at 220 VAC input.
- Ripple & noise are measured at 20 MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1 uF & 47 uF parallel capacitor.
- Efficiency is measured at rated load and 220 VAC input.
- Hold-up time is measured at rated load and 220 VAC input.
- Each output can provide up to maximum load, but total load cannot exceed rated output power.
- For 60 degree C applications, derate the power supply by 30%

Distributed By



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