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			OUTPUT			
Input range 9 Input frequency Inrush current (25°C)	00~132/180~264 \	/AC(Selectable) 220~380 VDC 47~63 Hz 20 A @ 110 VAC 40 A @ 220 VAC	Hold-up time Short protection Over load protection	13 ms Auto-recovery Automatic power limited		
EMC Standards Safe		/ Standards	Environmental Standards			
EN 55022 CLASS A EN 61000-3-3, EN 55024 (IEC 61000-4 IEC 61000-4-3, IEC 610 IEC 61000-4-5, IEC 610	-2, 000-4-4, 000-4-6,	UL 508 Certificate CE Marking	Operating Temperature Operating Humidity Storage Temperature Vibration	-15 ~ 50 C, Ambient 5 ~ 95% RH, Non-condensing -20 ~ 85 C, Ambient 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%



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