



Features



DIMENSIONS : 129(L) x 99(W) x 35(H)mm
WEIGHTS: 410g

- Convection cooled
- 100% burn-in test
- MOSFET designed
- 350,000Hrs MTBF per MIL-HDBK-217F
- 2 years Warranty
- Small in size
- Output modify range: 3V~200VDC

General specifications

INPUT

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

OUTPUT

Hold-up time 6 10mS
Short protection Autorecovery
Over load protection Automatic power limited
Over voltage protection

Detail specifications

Rated 100 Watts / Peak 200Watts

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.					
LP41001M	V1: +5V ±10%	0A	3A	8A	60mVp-p	±1%	±5%	74%Min.	6.4~7.25V
	V2: +12V-----	0A	1A	3A	120mVp-p	±5%	±5%		-----
	V3: +24V-----	0A	1A	2A	240mVp-p	±5%	±5%		-----
	V4: +48V-----	0A	1A	3.4A	480mVp-p	±5%	±5%		-----

EMC Standards

EN 55022 CLASS A
EN 61000-3-2 CLASS A
EN 55024, EN 61000-3-3
EN 50082-1, EN 61000-4-2
EN 61000-4-3, ENV 50204
EN 61000-4-4, EN 61000-4-5
EN 61000-4-6, EN 61000-4-8
EN 61000-4-11, EN 60950

Safety Standards

UL 60950 (Meet)
CSA 60950 (Meet)
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(3000mS). but total load can not exceed peak load (200 Watts) output power. long time use can not exceed rated load(100Watts).
 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 110VAC input.
 4. Ripple & Noise is measured by using a 0.1uF/630V metalized capacitor & a 47uF electrolytic capacitor parallel on the test point, at rated load and 110VAC input.
 5. Efficiency is measured at rated load and 110VAC input.
 6. Hold-up time is measured at rated load and 110VAC input.
 7. Reign Power reserve the right to change specifications at any time without notice.