



AC → DC SWITCHING POWER SUPPLY

LP1050D SERIES

All the patents are held accountable counterfeiting.

Features



Green Power

- Standard/Din Rail Mounting Dual Purpose
- No-load Consumption is lower than 0.3W (No Display)
- Comply with High Efficiency Power 80Plus Criterion
- Comply with 2010. Energy Conservation Power Erp Regulation
- "Output Voltage Monitor" Display (Optional)
- Convection cooled high reliability
- 100% burn-in test
- 1 years warranty
- Output modify range: 3V~200VDC

DIMENSIONS:106.5(H)*75.5(D)*45(W)mm

WEIGHTS: 210g

General specifications

INPUT

Input range 90~264VAC
127~380VDC

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

40~50 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.					
LP1040D-05S	V : +5V ±10%	0A	8.0A	8.0A	50mV	±1%	±1%	78% Ref.	7.13 ~ 7.88V
LP1050D-12S	V : +12V ±10%	0A	4.2A	4.2A	120mV	±1%	±1%	85% Ref.	17.1 ~ 18.9V
LP1050D-24S	V : +24V ±10%	0A	2.1A	2.1A	240mV	±1%	±1%	86% Ref.	31.4 ~ 34.7V

Please Choose Fit Function, And Fill In The Blank With Suitable Words.

Order Model: LP1050D-12S ☐ ☐ ☐

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

CE Standards

EN 55022 CLASS A,
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)

Safety Standards



UL 508 APPROVAL



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

NOTE

- Each output can provide up to maximum load, but total load can not exceed rated output power.
- 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 220VAC input.
- 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.
- Efficiency is measured at rated load and 220VAC input.
- Hold-up time is measured at rated load and 220VAC input.
- Output voltage monitor display models. no-load power consumption of 1.5W. and no Energy Conservation Power Erp Regulation.
- Output Voltage Adjustable is measured on 5% of rated load.
- Reign Power reserve the right to change specifications at any time without notice.

WEB : <http://www.switching-powers.com>
E-mail : rp21003f@ms7.hinet.net

Tel : 886-2-22997550
Fax : 886-2-22997596

REIGNPOWER
S.M.P.S