



AC → DC SWITCHING POWER

KEY POWER SUPPLIES LIMITED

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Unit F Reme Drive
EX14 1SE

Patents Held

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
- Convection cooled high reliability
- Wide input range
- 100% burn-in test
- 1 years warranty
- Output modify range: 3V~200VDC

DIMENSIONS: 102(H) * 75.5(D) * 45(W)mm

WEIGHT: 181g

General specification

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 specification

40~50 Watts

12Vdc & 24Vdc Model stocked in UK - 5Vdc model available on request

MODEL	O/P Volt Adj. ± %	Load(Current)			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%	81% 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 functions and fill in The blanks

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

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)

Safety Standards



UL 508 APPROVAL



CE Marking

Environment

Operating Temperature
Operating Humidity
Storage Temperature
Vibration

-15 ~ 50°C, Ambient
5 ~ 95% RH, No Condensing
-20 ~ 85°C, Ambient
2G, 10~500Hz, 3 axes

NOTE

1. Each output can provide up to maximum load, but total load cannot 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 20cm long 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. Output voltage monitor display models. no-load power consumption of 1.5W. and no Energy Conservation Power Erp Regulation.
8. Reign Power reserve the right to change specifications at any time without notice.

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