



## Features



DIMENSIONS: 104(H)x76(D)x45(W)mm  
WEIGHTS: 190g

- **Din Rail/ Screw Mounting Dual Purpose**
- **Convection cooled**
- **100% full load burn-in test**
- **MOSFET designed**
- **2-year warranty**
- **Output modify range: 3V~200VDC**
- **Split rail & Series connection possible**

## General specifications

INPUT

Input range	90~264VAC 127~380VDC
Input frequency	47~63Hz
Inrush current (25° C)	40A/220VAC

OUTPUT

Hold-up time	16mS
Short protection	Autorecovery
Overload protection	Automatic power limited
Over voltage protection	Optional

## Detail specifications

20 & 24Watts

MODEL	O/P Volt Adj. ± %	Load(Current) <sup>1</sup>			Ripple & Noise <sup>4</sup>	Line REG. <sup>2</sup>	Load REG. <sup>3</sup>	Efficiency <sup>5</sup>	O.V.P. Trip point
		Min.	Rated	Max.					
RP1020D-05F	V1: +5V ±10%	0A	4.0A	4.0A	50mVp-p	±1%	±1%	70% Min.	6 ~ 7.5V
RP1024D-12F	V1: +12V ±10%	0A	2A	2A	100mVp-p	±1%	±1%	80% Min.	14 ~ 17V
● RP1024D-15F	V1: +15V ±10%	0A	1.6A	1.6A	150mVp-p	±1%	±1%	80% Min.	20.9 ~ 23.1V
RP1024D-24F	V1: +24V ±10%	0A	1A	1A	150mVp-p	±1%	±1%	80% Min.	28 ~ 34V

## CE Standards

EN 55032, EN 55024,  
EN 61000-3-2, 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)  
LVD: EN 60950-1

## Safety Standards

UL 60950 APPROVAL  
 CUL 60950 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:**
1. Each output can provide up to maximum load, but total load can not 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 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.
  5. Efficiency is measured at rated load and 220VAC input.
  6. Hold-up time is measured at rated load and 220VAC input.
  7. With ● are CE approval only.
  8. Output Voltage Adjustable is measured on 5% of rated load.
  9. 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](mailto:rp21003f@ms7.hinet.net)

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

**REIGNPOWER**  
S.M.P.S