



## Features



DIMENSIONS:100(H)\*110(D)\*90(W)mm

- Fan cooled(PCB damp proof process)
- Isolated housing
- CEMF(counter-electromotive force)
- Build-in line filter
- MOSFET designed
- 240,000 Hrs MTBF per MIL-HDBK-217F
- 2 years Warranty
- **Output modify range: 3V~200VDC**
- **Split rail & Series connection possible**

## General specifications

INPUT

Input range	90~132/180~264VAC (Selectable) 220~380VDC
Input frequency	47~63Hz
Inrush current (25° C)	25A/110VAC 50A/220VAC

OUTPUT

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

## Detail specifications

**200 Watts (300 Watts Peak)**

**For Servo & Stepping Motor  
Parallel Operation Available**

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.					
RP1200DM-24M	V1: +24V ±10%	0A	8.3A	12.5A	150mVp-p	±1%	±5%	78% Min.	27.6 ~ 31V
RP1200DM-48M	V1: +48V ±10%	0A	4.2A	6.25A	250mVp-p	±1%	±3%	80% Min.	54 ~ 60V
RP1200DM-75M	V1: +75V ±10%	0A	2.6A	4A	300mVp-p	±1%	±2%	83% Min.	90 ~ 120V
RP1200DM-100M	V1: +100V ±10%	0A	2A	3A	300mVp-p	±1%	±2%	84% Min.	130 ~ 155V

## EMC Standards

EN55022 CLASS A  
EN61000-3-3  
EN55024(IEC61000-4-2,  
IEC61000-4-3, IEC61000-4-4  
IEC61000-4-5, IEC61000-4-6  
IEC61000-4-8, IEC61000-4-11)

## Safety Standards

UL/CSA 60950 Meet  
 CE 60950 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, 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 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.

**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