



Features



DIMENSIONS : 173.5(L) x 127(W) x 52(H)mm  
WEIGHTS: 1890g

- Fan cooled(PCB damp proof process)
- Isolated housing
- CEMF(counter-electromotive force)
- MOSFET designed
- 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

For Servo & Stepping Motor  
Parallel Operation Available

200 Watts (300 Watts Peak)

MODEL	O/P Volt Adj. ± %	Load(Current) 1			Ripple & Noise 4	Line REG. 2	Load REG. 3	Efficiency 5	O.V.P. Trip point
		Min.	Rated	Max.					
RP1200M-24	V1: +24V ±10%	0A	8.3A	12.5A	150mVp-p	±1%	±5%	78% Min.	27.6 ~ 30V
RP1200M-48	V1: +48V ±10%	0A	4.2A	6.25A	250mVp-p	±1%	±3%	80% Min.	54 ~ 60V
RP1200M-75	V1: +75V ±10%	0A	2.6A	4A	300mVp-p	±1%	±2%	83% Min.	90 ~ 120V
RP1200M-100	V1: +100V ±10%	0A	2A	3A	300mVp-p	±1%	±2%	84% Min.	130 ~ 155V

CE Standards

EN 55032, EN 55024,  
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/CUL 60950 Meet  
 CE Meet

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. Output Voltage Adjustable is measured on 5% of rated load.

**Reign Power reserve the right to change specifications at any time without notice.**

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