



## Features



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

- Fan cooled(PCB damp proof process)
- 100% burn-in test
- Build-in line filter
- Great reliability
- 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

180 Watts

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.					
RP21801	V1: +7.5V ±10% V2: +5V ±10%	0A 0A	22A 3A	22A 3A	70mVp-p 50mVp-p	±1% ±1%	±1% ±1%	70% Min.	12 ~ 14V 5.8 ~ 7.0V
RP21802	V1: +12V ±10% V2: +5V ±10%	0A 0A	13.5A 3A	13.5A 3A	100mVp-p 50mVp-p	±1% ±1%	±1% ±1%	73% Min.	14.5 ~ 17V 5.8 ~ 7.0V
RP21803	V1: +24V ±10% V2: +5V ±10%	0A 0A	7A 3A	8A 3A	150mVp-p 50mVp-p	±1% ±1%	±1% ±1%	78% Min.	27.6 ~ 30V 5.8 ~ 7.0V

200 Watts

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.					
RP1200-10	V1: +10V ±10%	0A	20A	20A	100mVp-p	±1%	±1%	74% Min.	12 ~ 14V
RP1200-12	V1: +12V ±10%	0A	16.6A	16.6A	100mVp-p	±1%	±1%	75% Min.	14.5 ~ 17V
RP1200-15	V1: +15V ±10%	0A	13.3A	13.3A	150mVp-p	±1%	±1%	77% Min.	19 ~ 23V
RP1200-20	V1: +20V ±10%	0A	10A	10A	150mVp-p	±1%	±1%	79% Min.	27.6 ~ 30V
RP1200-24	V1: +24V ±10%	0A	8.3A	8.3A	150mVp-p	±1%	±1%	80% Min.	27.6 ~ 30V
RP1200-27	V1: +27V ±10%	0A	7.4A	7.4A	150mVp-p	±1%	±1%	81% Min.	31 ~ 35V
RP1200-48	V1: +48V ±10%	0A	4.2A	4.2A	250mVp-p	±1%	±1%	83% Min.	54 ~ 60V
RP1220-110	V1: +110V ±10%	0A	2A	2A	400mVp-p	±1%	±1%	85% Min.	130 ~ 155V



## Detail specifications




**200 Watts (300 Watts Peak)****For Servo & Stepping Motor  
Parallel Operation Available**

MODEL	O/P Volt Adj. $\pm$ %	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.					
RP1200M-24	V1: +24V $\pm$ 10%	0A	8.3A	12.5A	150mVp-p	$\pm$ 1%	$\pm$ 5%	78% Min.	27.6 ~ 30V
RP1200M-48	V1: +48V $\pm$ 10%	0A	4.2A	6.25A	250mVp-p	$\pm$ 1%	$\pm$ 3%	80% Min.	54 ~ 60V
RP1200M-75	V1: +75V $\pm$ 10%	0A	2.6A	4A	300mVp-p	$\pm$ 1%	$\pm$ 2%	83% Min.	90 ~ 120V
RP1200M-100	V1: +100V $\pm$ 10%	0A	2A	3A	300mVp-p	$\pm$ 1%	$\pm$ 2%	84% Min.	130 ~ 155V

## EMC Standards

EN55022 Class B, EN55024  
 EN61000-3-3, EN50081-1  
 EN50082-1, IEC61000-4-2  
 IEC61000-4-3, IEC61000-4-4  
 IEC61000-4-5, IEC61000-4-6  
 IEC61000-4-8, IEC61000-4-11

## Safety Standards

 UL 60950 Meet  
 CSA 60950 Meet  
 CE Meet

## 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:**
- 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 110VAC input.
  - 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.
  - Efficiency is measured at rated load and 110VAC input.
  - Hold-up time is measured at rated load and 110VAC input.
  - Reign Power reserve the right to change specifications at any time without notice.