



## Features



DIMENSIONS: 190(L) x 106(W) x 51(H)mm  
WEIGHTS: 780g



- Convection cooled
- 100% burn-in test
- Build-in line filter
- Great reliability
- MOSFET designed
- 120,000 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)
Input frequency	47~63Hz
Inrush current (25° C)	20A/110VAC 40A/220VAC

OUTPUT

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

## Detail specifications

250 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.
		Min.	Rated	Max.					
RP1250-05M	V1: +5V ±10%	0A	50A	50A	80mVp-p	±1%	±1%	74% Min.	6 ~ 7.5V
RP1250-12M	V1: +12V ±10%	0A	20.83A	20.83A	120mVp-p	±1%	±1%	78% Min.	14 ~ 17V
RP1250-24M	V1: +24V ±10%	0A	10.41A	10.41A	250mVp-p	±1%	±1%	80% Min.	28 ~ 34V
RP1250-48M	V1: +48V ±10%	0A	5.2A	5.2A	250mVp-p	±1%	±1%	80% Min.	55 ~ 67V

## EMC Standards

EN55022 CLASS A, EN55024  
EN61000-3-3  
EN50082-2, EN61000-4-2  
ENV 50140, ENV 50204  
EN61000-4-4, ENV 50141  
EN61000-4-8, IEC6100-4-3  
IEC61000-4-5, IEC61000-4-6,  
IEC 61000-4-11

## 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

## Safety Standards

E159228

CE Marking UL Meet

- 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.