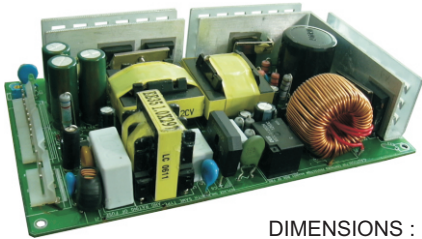




## Features



DIMENSIONS : 194(L) x 114(W) x 38(H)mm

- 250 watts convection cooled
- Great reliability
- MOSFET designed
- 150,000Hrs MTBF per MIL-HDBK-217F
- 2 years warranty
- 400 watts Max. with 25CFM fan cooling
- 12V/0.2A power supply output for fan
- Output modify range: 3V~400VDC
- Split rail & Series connection possible
- Full documentation for safety application available

## General specifications

INPUT

Input range	90~264VDC 200~370VDC
Input frequency	47~440Hz
Inrush current (25° C)	20A/110VAC 40A/220VAC
Power Factor	95% Min

OUTPUT

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

## Detail specifications

**250Watt~400Watt (With Fan Cooling)**

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	7 Max.					
RP1250-12C	V1: +12V ±10%	0A	20.8A	33.3A	150mVp-p	±1%	±1%	80% Min.	15.0 ~ 18V
RP1250-15C	V1: +15V ±10%	0A	16.6A	26.6A	150mVp-p	±1%	±1%	80% Min.	20 ~ 24V
RP1250-24C	V1: +24V ±10%	0A	10.4A	16.6A	240mVp-p	±1%	±1%	82% Min.	27.6 ~ 31V
RP1250-48C	V1: +48V ±10%	0A	5.2A	8.3A	250mVp-p	±1%	±1%	83% Min.	54 ~ 60V

## EMC Standards

EN55022 CLASS A  
 EN61000 -3-2  
 EN61000 -3-3  
 EN55024 (IEC 61000 -4-2,  
 IEC 61000 -4-3, IEC 61000 -4-4  
 IEC 61000 -4-5, IEC 61000 -4-6  
 IEC 61000 -4-8, IEC 61000 -4-11)

## Safety Standards

 UL 60950 Meet  
 CSA 60950 Meet  
 CE 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. 400 watts series, fan cooling is necessary when operating over 250 watts
  8. Reign Power reserve the right to change specifications at any time without notice.