



All the patents are held accountable counterfeiting.

## Features



DIMENSIONS: 100(H)\*110(D)\*120(W)mm  
WEIGHTS: 1260g

- **Din Rail/ Screw Mounting Dual Purpose**
- Convection cooled
- 100% full load burn-in test
- Easy mounting (one-step installation)
- Separation of AC and DC, Excellent of Electromagnetic interference
- RoHS & EMI test and strictness on quality
- 2 year Warranty
- 110,000Hrs MTBF per MIL-HDBK-217F
- Split rail, Parallel (1+1) & Series connection possible
- Output modify range: 3V~200VDC

## General specifications

### INPUT

Input range	90~264VAC 127~380VDC
Input frequency	47~63Hz
Inrush current (25° C)	20A/110VAC 40A/220VAC
Power Factor	95% Min.

### OUTPUT

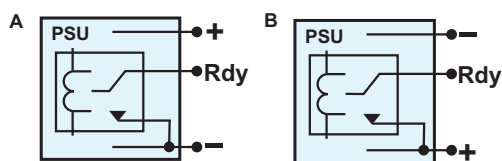
Hold-up time	16mS
Short protection	Autorecovery
Overload protection	Automatic power limited
Over voltage protection	Autorecovery
Power Ready Signal (Optional)	
Redundant function (Optional)	

## Detail specifications

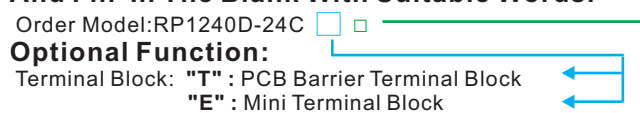
### 240 Watts

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.					
RP1240D-12C	V1: +12V ±10%	0A	20A	20A	100mVp-p	±1%	±1%	78% Min.	15 ~ 18V
RP1240D-24C	V1: +24V ±10%	0A	10A	10A	150mVp-p	±1%	±1%	80% Min.	27.6 ~ 31V
RP1240D-48C	V1: +48V ±10%	0A	5A	5A	250mVp-p	±1%	±1%	80% Min.	54 ~ 60V

## Rdy Connection



Please Choose Fit Function, And Fill In The Blank With Suitable Words.

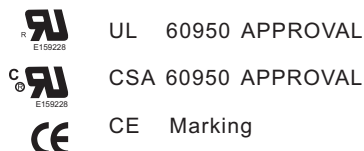


**Without Function: "N"** ← Power Ready Signal and Redundant

## EMC Standards

EN55022 CLASS A, EN55024  
EN61000-3-2, EN61000-3-3  
IEC61000-4-2, IEC 61000-4-3,  
IEC61000-4-4, IEC 61000-4-5,  
IEC61000-4-6, IEC 61000-4-8,  
IEC61000-4-11

## Safety Standards



## 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. (Redundant function Sepec. 0.6V Add.)
  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.