



## Features



DIMENSIONS: 100(H)\*110(D)\*90(W)mm  
WEIGHTS: 830g

- **Din Rail/ Screw Mounting Dual Purpose**
- **Fan speed control(PCB damp proof process)**
- **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**
- **230,000Hrs MTBF per MIL-HDBK-217F**
- **Split rail & 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

power factor

40A/220VAC

**OUTPUT**

95% Min

Hold-up time

16mS

Short protection

Autorecovery

Overload protection

Automatic power limited

Over voltage protection

Autorecovery

Power Ready Signal (Optional)

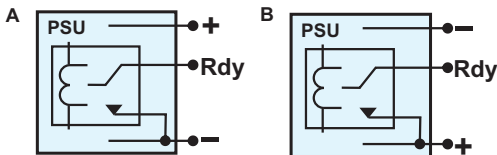
Redundant function (Optional)

## Detail specifications

**200 Watts**

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.					
RP1200D-12C	V1: +12V $\pm$ 10%	0A	16.6A	16.6A	100mVp-p	$\pm$ 1%	$\pm$ 1%	77% Min.	15 ~ 18V
RP1200D-24C	V1: +24V $\pm$ 10%	0A	8.3A	8.3A	250mVp-p	$\pm$ 1%	$\pm$ 1%	79% Min.	27.6 ~ 31V
RP1200D-48C	V1: +48V $\pm$ 10%	0A	4.2A	4.2A	250mVp-p	$\pm$ 1%	$\pm$ 1%	80% Min.	54 ~ 60V

## Rdy Connection



A: Rdy Internal Connection of T Type Terminal Block  
B: Rdy Internal Connection of E Type Terminal Block

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

Order Model: RP1200D-24C  

Optional Function:

Terminal Block: "T" : PCB Barrier Terminal Block  
"E" : Mini Terminal BlockWithout Function: "N" 

Power Ready Signal and Redundant

## EMC Standards

EN55022 CLASS B, 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

UL 60950 APPROVAL  
 CSA 60950 APPROVAL  
 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. (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.

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