



## Features



DIMENSIONS : 130(L) x70(W) x 26.5(H)mm  
Weight: 181g

- \*Convection cooled
- \*100% burn-in test
- \*No load power consumption less than 0.3W
- \*Comply with high efficiency Power 80Plus Criterion
- \*MOSFET designed
- \*2 years Warranty
- \*Output modify range: 3V~200VDC
- \*Split rail & Series connection possible

## General specifications

INPUT

Input range	90~264VAC 127~380VDC
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
Over voltage protection	Autorecovery

## Detail specifications



33 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.					
RP20331S	V1: +5V $\pm$ 10% V2: +12V-----	0A 0A	3A 1.5A	3A 1.5A	50mVp-p 120mVp-p	$\pm$ 1% $\pm$ 1%	$\pm$ 1% $\pm$ 4%	70% Min.	5.8 ~ 7.0V -----
RP20332S	V1: +5V $\pm$ 10% V2: +24V-----	0A 0A	2A 1A	3A 1A	50mVp-p 150mVp-p	$\pm$ 1% $\pm$ 1%	$\pm$ 1% $\pm$ 4%	73% Min.	5.8 ~ 7.0V -----
RP30331S	V1: +5V $\pm$ 10% V2: +12V----- V3: -5V-----	0A 0A 0A	3A 1A 0.5A	3A 1A 0.5A	50mVp-p 100mVp-p 100mVp-p	$\pm$ 1% $\pm$ 2% $\pm$ 2%	$\pm$ 1% $\pm$ 4% $\pm$ 7%	70% Min.	5.8 ~ 7.0V ----- -----
RP30332S	V1: +5V $\pm$ 10% V2: +12V----- V3: -12V $\pm$ 10%	0A 0A 0A	3A 1A 0.5A	3A 1A 0.5A	50mVp-p 100mVp-p 120mVp-p	$\pm$ 1% $\pm$ 2% $\pm$ 2%	$\pm$ 1% $\pm$ 4% $\pm$ 7%	70% Min.	5.8 ~ 7.0V ----- -----
RP30333S	V1: +5V $\pm$ 10% V2: +12V----- V3: +24V-----	0A 0A 0A	1.5A 1A 0.5A	1.5A 1A 0.5A	50mVp-p 100mVp-p 200mVp-p	$\pm$ 1% $\pm$ 2% $\pm$ 2%	$\pm$ 1% $\pm$ 4% $\pm$ 7%	70% Min.	5.8 ~ 7.0V ----- -----
RP30334S	V1: +5V $\pm$ 10% V2: +18V----- V3: -18V-----	0A 0A 0A	3A 0.5A 0.5A	3A 1A 0.5A	50mVp-p 180mVp-p 180mVp-p	$\pm$ 1% $\pm$ 2% $\pm$ 2%	$\pm$ 1% $\pm$ 5% $\pm$ 7%	72% Min.	5.8 ~ 7.0V ----- -----

## CE Standards

EN 55032, EN 55035,  
EN 61000-3-3, (EN 61000-4-2,  
EN 61000-4-3, EN 61000-4-4,  
EN 61000-4-5, EN 61000-4-6,  
EN 61000-4-8, EN 61000-4-11)  
LVD: EN 62368-1

## Safety Standards

 UL/CUL 60950 Meet  
 CE Meet

## Environments

**Operating Temperature** -15 ~ 50°C, Ambient  
**Operating Humidity** 20 ~ 90% 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 220VAC input.
  - Ripple & Noise are measured with 20MHz oscilloscope at 220VAC by using a 20cm long 12" twisted pair-wire with a 0.1uF/630V metal capacitor & a 47uF electrolytic capacitor parallel on the test point.
  - Efficiency is measured at rated load and 220VAC input.
  - Hold-up time is measured at rated load and 220VAC input.
  - Output Voltage Adjustable is measured on 5% of rated load.
  - Reign Power reserve the right to change specifications at any time without notice.

WEB : <http://www.switching-powers.com>

E-mail : [rp21003f@ms7.hinet.net](mailto:rp21003f@ms7.hinet.net)

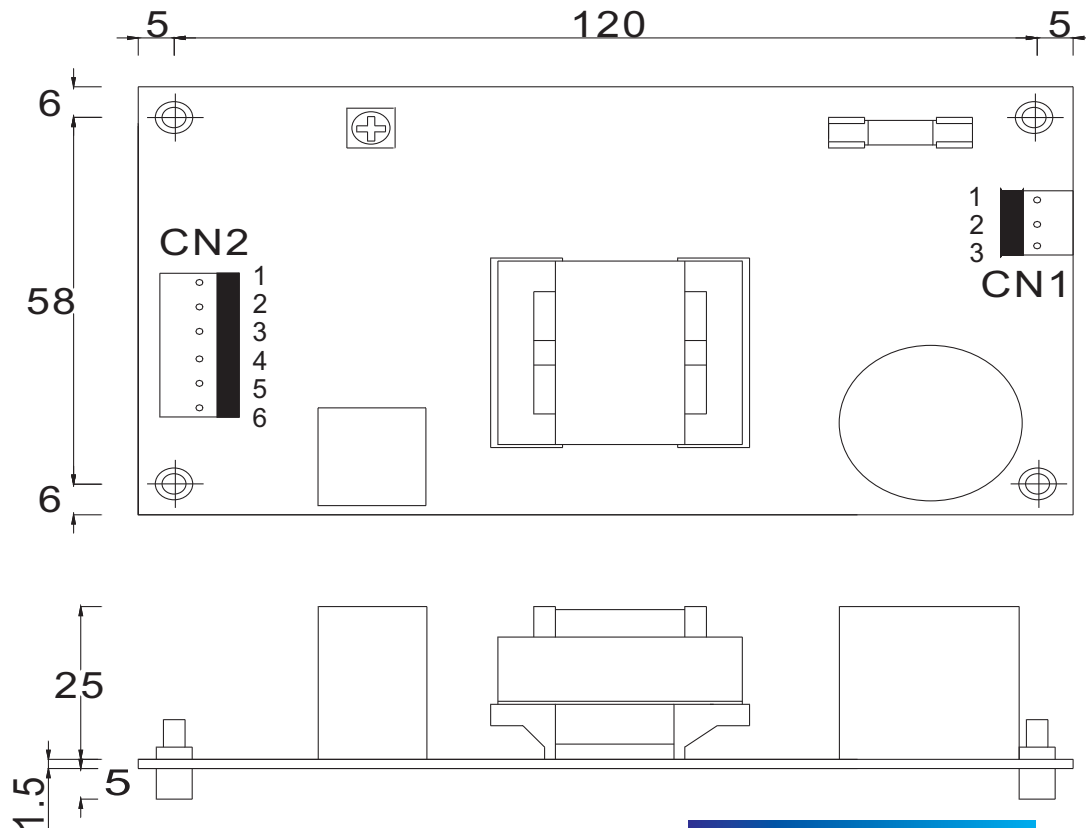
Tel : 886-2-22997550

Fax : 886-2-22997596

**REIGNPOWER**  
S.M.P.S



## Mechanical Details



**DIMENSIONS :**  
120(L) x 70(W) x 26.5(H)mm

## Panel Designation

**Input connector (CN1):**

3.96mm crimp style connector

3Pin(Pin 2 no pole) · 3.96mm · JS-4001

Pin	Input	Description
1	N	Neutral Terminal of AC Input
3	L	Line Terminal of AC Input

No Polarity At DC Input

**DC Output Connector (CN2):**

3.96mm crimp style connector

Single output: 2Pin · 3.96mm · JS-4001

Dual output: 3Pin · 3.96mm · JS-4001

Pin	Single	Dual	Description
1	NC	V3	G:DC Output Ground Terminal Vx: DC Output Terminal
2	G	V2	
3	G	G	
4	G	G	
5	V1	V1	
6	V1	V1	