



Features



DIMENSIONS : 130(L) x 70(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) ¹			Ripple & Noise ⁴	Line REG. ²	Load REG. ³	Efficiency ⁵	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

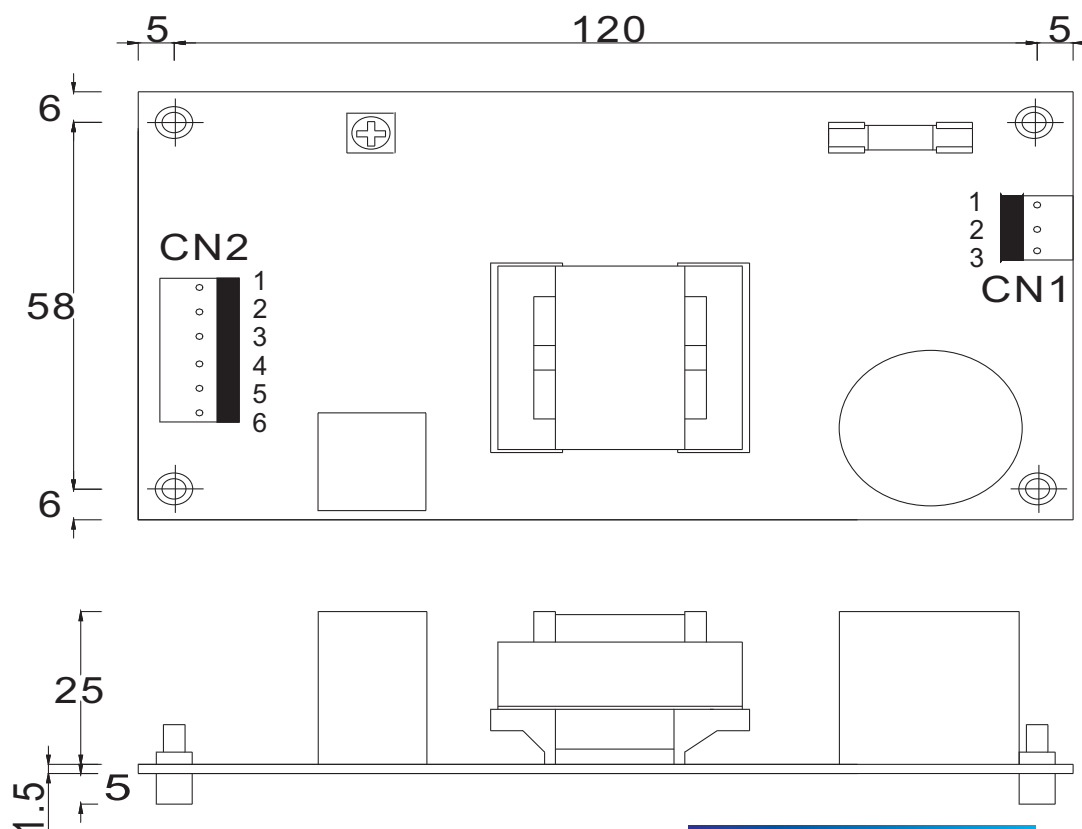
Environments

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.



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	