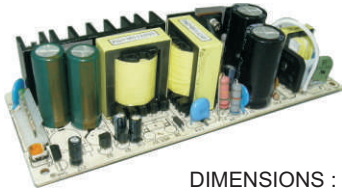




Features



DIMENSIONS : 165(L) x 63(W) x 40(H)mm

- Convection cooled
- 100% burn-in test
- MOSFET designed
- 2 years Warranty
- **Output modify range: 3V~400VDC**
- **Split rail & Series connection possible**

General specifications

INPUT

Input range	90~132/180~264VAC (Selectable)
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

Detail specifications

100 Watts

MODEL	O/P Volt Adj. ± %	Load(Current) ¹			Ripple & Noise ⁴	Line REG. ²	Load REG. ³	Efficiency ⁵	O.V. P
		Min.	Rated	Max.					
RP1100-05NM	V1: +5V ±10%	0A	20A	20A	50mVp-p	±1%	±1%	72% Min.	6.67 ~ 7.88V
RP1100-12NM	V1: +12V ±10%	0A	8.3A	8.3A	100mVp-p	±1%	±1%	74% Min.	17.1 ~ 18.9V
RP1100-15NM	V1: +15V ±10%	0A	6.6A	6.6A	150mVp-p	±1%	±1%	77% Min.	17 ~ 22V
RP1100-24NM	V1: +24V ±10%	0A	4.16A	4.16A	150mVp-p	±1%	±1%	78% Min.	31.4 ~ 38.3V
RP1100-48NM	V1: +48V ±10%	0A	2A	2A	150mVp-p	±1%	±1%	77% Min.	55 ~ 67V
RP21001NM	V1: +5V ±10% V2: +12V-----	0A 0A	10A 4A	10A 4A	50mVp-p 100mVp-p	±1% ±1%	±1% ±4%	70% Min.	6.67 ~ 7.88V -----
RP21002NM	V1: +5V ±10% V2: +24V-----	0A 0A	5.8A 3A	5.8A 3A	50mVp-p 150mVp-p	±1% ±1%	±1% ±4%	73% Min.	6 ~ 7.5V -----
RP21003NM	V1: +5V ±10% V2: +36V-----	0A 0A	10A 1.4A	10A 1.4A	50mVp-p 360mVp-p	±1% ±1%	±1% ±4%	73% Min.	6 ~ 7.5V -----
RP31001NM	V1: +5V ±10% V2: +12V----- V3: +24V-----	0A 0A 0A	7A 3.5A 1A	7A 5A 1A	50mVp-p 120mVp-p 240mVp-p	±1% ±1% ±1%	±1% ±4% ±7%	73% Min.	6 ~ 7.5V ----- -----
RP31002NM	V1: +5V ±10% V2: +15V----- V3: +36V-----	0A 0A 0A	8A 1.5A 1A	8A 1.5A 1A	50mVp-p 150mVp-p 360mVp-p	±1% ±1% ±1%	±1% ±4% ±7%	73% Min.	6 ~ 7.5V ----- -----
RP31003NM	V1: +5V ±10% V2: +22V----- V3: -22V-----	0A 0A 0A	6.7A 1.5A 1.5A	6.7A 1.5A 1.5A	50mVp-p 250mVp-p 250mVp-p	±1% ±1% ±1%	±1% ±4% ±7%	73% Min.	6 ~ 7.5V ----- -----

**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

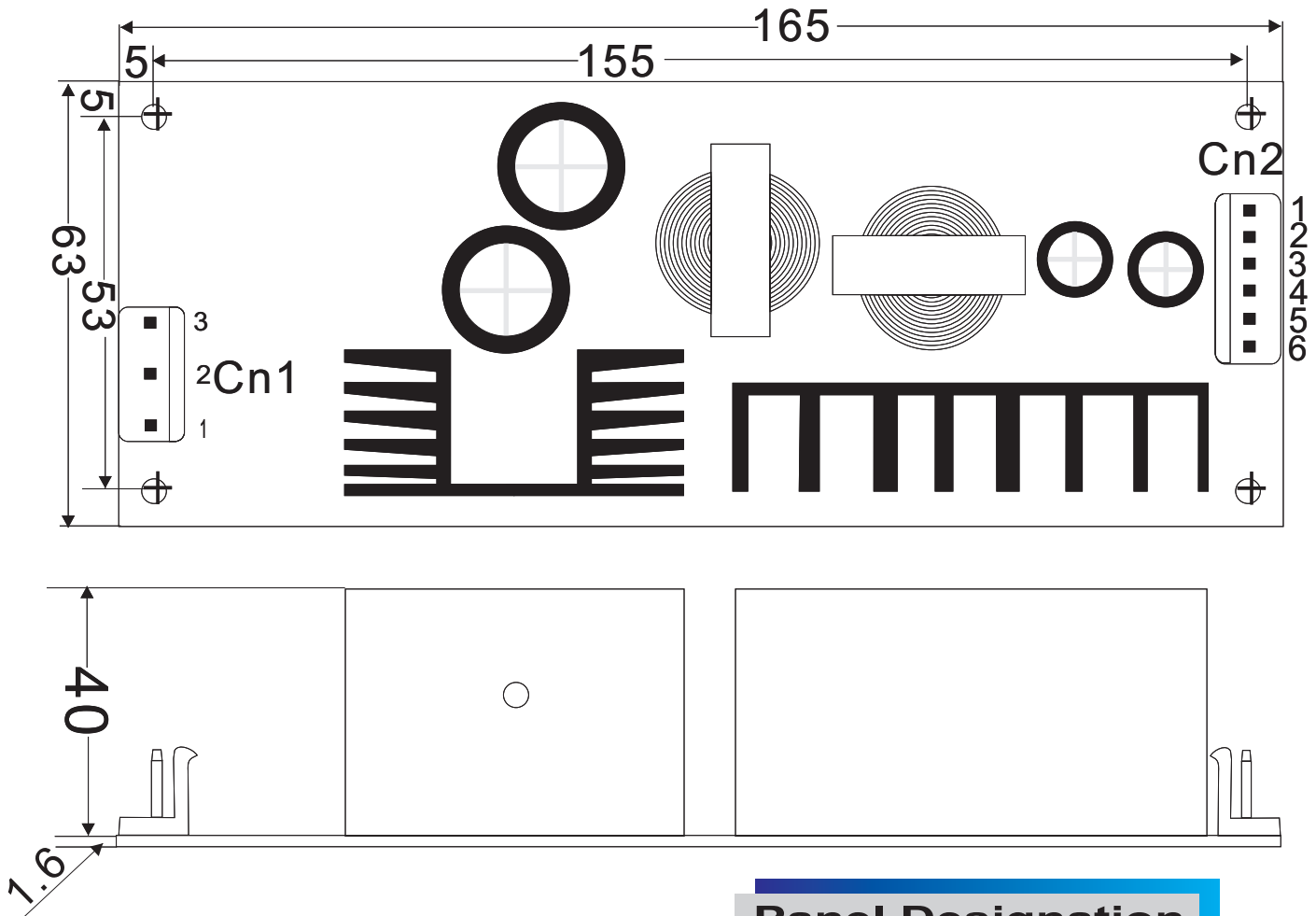
Operating Temperature
Operating Humidity
Storage Temperature
Vibration

-15 ~ 50°C, Ambient
20 ~ 90% RH, No Condensing
-20 ~ 85°C, Ambient
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 220VAC input.
 4. 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.
 5. Efficiency is measured at rated load and 220VAC input.
 6. Hold-up time is measured at rated load and 220VAC input.
 7. Output Voltage Adjustable is measured on 5% of rated load.
 8. Reign Power reserve the right to change specifications at any time without notice.



Mechanical Details



CASE NO: NF100M
 UNIT: mm
 DIMENSIONS:
 165(L)*63(W)*40(H)mm

Panel Designation

Input connector (Cn1)
 3.96mm crimp style connector
 3Pin 3.96mm.JS-1120

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

No Polarity At DC Input

DC Output Connector (Cn2)
 3.96mm crimp style connector
 Single output: 6Pin. 3.96mm. JS-1120
 Dual output: 6Pin. 3.96mm. JS-1120

Pin	Single	Dual	Description
1	V1	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	