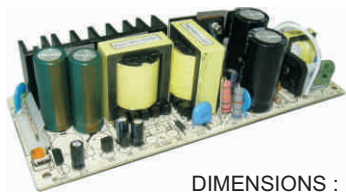




Features



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

- Convection cooled
- 100% burn-in test
- Great reliability
- MOSFET designed
- 150,000Hrs MTBF per MIL-HDBK-217F
- 2 years Warranty
- **Output modify range: 3V~400VDC**
- **Split rail & Series connection possible**
- **Full documentation for safety application available**

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 -----

EMC Standards

EN 55022 CLASS A
EN 61000-3-2 CLASS A
EN 61000-3-3
EN 50081-1
EN 50082-1

Safety Standards

UL 60950 Meet
CSA 60950 Meet
CE 60950 Marking

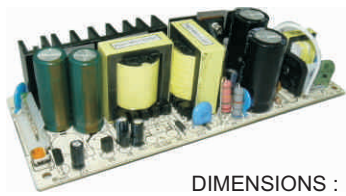
Environments

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.
 4. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor.
 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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		Min.	Rated	Max.					
RP31001NM	V1: +5V ±10% V2: +12V----- V3: +24V----	0A	7A	7A	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	8A	8A	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	6.7A	6.7A	50mVp-p 250mVp-p 250mVp-p	±1% ±1% ±1%	±1% ±4% ±7%	73% Min.	6 ~ 7.5V ----- -----

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