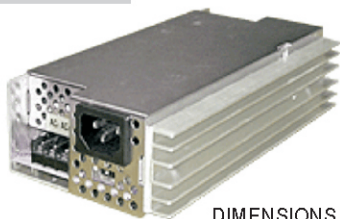




Features



DIMENSIONS : 219(L) x 104(W) x 50(H)mm
Weights: 780g

- 100% burn-in test
- Burn-in line filter
- Great reliability
- MOSFET designed
- 150,000 Hrs MTBF per MIL-HDBK- 217F
- 2 years Warranty
- **Output modify range: 3V~200VDC**
- **Split rail & Series connection possible**

General specifications

INPUT

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

300 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.					
RP1300-08B	V1: +8V \pm 10%	0A	37.5A	37.5A	80mVp-p	\pm 1%	\pm 1%	76% Min.	12 ~ 14V
RP1300-10B	V1: +10V \pm 10%	0A	30A	30A	100mVp-p	\pm 1%	\pm 1%	78% Min.	12 ~ 14V
RP1300-12B	V1: +12V \pm 10%	0A	25A	25A	100mVp-p	\pm 1%	\pm 1%	80% Min.	14.5 ~ 17V
RP1300-24B	V1: +24V \pm 10%	0A	12.5A	12.5A	150mVp-p	\pm 1%	\pm 1%	81% Min.	27.6 ~ 30V
RP23004B	V1: +12V \pm 10%	0A	23.5A	23.5A	100mVp-p	\pm 1%	\pm 1%	78% Min.	14.5 ~ 17V 5.8 ~ 7.0V
	V2: +5V \pm 10%	0A	3A	3A	50mVp-p	\pm 1%	\pm 1%		
RP23005B	V1: +24V \pm 10%	0A	11.5A	11.5A	150mVp-p	\pm 1%	\pm 1%	78% Min.	27.6 ~ 30V 5.8 ~ 7.0V
	V2: +5V \pm 10%	0A	3A	3A	50mVp-p	\pm 1%	\pm 1%		

EMC Standards

EN55022 Class A, EN55024
EN61000-3-3, EN50081-1
EN50082-1, IEC61000-4-2
IEC61000-4-3, IEC61000-4-4
IEC61000-4-5, IEC61000-4-6
IEC61000-4-8, IEC61000-4-11

Safety Standards

UL	60950	Meet
CSA	60950	Meet
CE		Meet

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 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.