



Features



UL[®]
E159228



DIMENSIONS: 190(L) x 106(W) x 51(H)mm
WEIGHTS: 780g

- Convection cooled
- 100% burn-in test
- Build-in power factor corrector
- 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
Power factor	95% Min

OUTPUT

Hold-up time	16mS
Short protection	Autorecovery
Overload protection	Automatic power limited
Over voltage protection	Autorecovery

Detail specifications

150 Watts

MODEL	O/P Volt Adj. ± %	Load(Current) ¹			Ripple & Noise ⁴	Line REG. ²	Load REG. ³	Efficiency ⁵	O.V.P. Trip point
		Min.	Rated	Peak					
RP1150-05CP	V1: +5V ±10%	0A	30A	45A	50mVp-p	±1%	±1%	70% Min.	5.8 ~ 7.0V
RP1150-08CP	V1: +8V ±10%	0A	18.8A	40A	80mVp-p	±1%	±1%	73% Min.	12 ~ 14V
RP1150-12CP	V1: +12V ±10%	0A	12.5A	26.6A	150mVp-p	±1%	±1%	75% Min.	15.0 ~ 18V
RP1150-13.5CP	V1: +13.5V ±10%	0A	11.1A	23.7A	150mVp-p	±1%	±1%	75% Min.	20~ 24V
RP1150-15CP	V1: +15V ±10%	0A	10A	21.3A	150mVp-p	±1%	±1%	76% Min.	20 ~ 24V
RP1150-24CP	V1: +24V ±10%	0A	6.25A	13.3A	150mVp-p	±1%	±1%	77% Min.	27.6 ~ 31V
RP1150-36CP	V1: +36V ±10%	0A	4.16A	8.9A	360mVp-p	±1%	±1%	78% Min.	45 ~ 55V
RP1150-48CP	V1: +48V ±10%	0A	3.12A	6.7A	480mVp-p	±1%	±1%	78% Min.	54 ~ 60V
• RP1150-60CP	V1: +60V ±10%	0A	2.5A	5.3A	600mVp-p	±1%	±1%	78% Min.	68 ~ 78V
• RP1150-120CP	V1: +120V ±10%	0A	1.25A	2.6A	1200mVp-p	±1%	±1%	78% Min.	190 ~ 230V
RP21501CP	V1: +8V ±10% V2: +5V -----	0A 0A	15A 3A	37.5A 3A	80mVp-p 50mVp-p	±1% 1%	±1% 3%	70% Min.	12 ~ 14V 5.8 ~ 7.0V
RP21502CP	V1: +12V ±10% V2: +5V -----	0A 0A	11.25A 3A	25A 3A	100mVp-p 50mVp-p	±1% 1%	±1% 3%	75% Min.	14.5 ~ 17V 5.8 ~ 7.0V
RP21503CP	V1: +15V ±10% V2: +5V -----	0A 0A	9A 3A	20A 3A	150mVp-p 50mVp-p	±1% 1%	±1% 3%	75% Min.	19 ~ 23V 5.8 ~ 7.0V
RP21504CP	V1: +24V ±10% V2: +5V -----	0A 0A	5.62A 3A	12.5A 3A	150mVp-p 50mVp-p	±1% 1%	±1% 3%	75% Min.	27.6 ~ 30V 5.8 ~ 7.0V
RP21505CP	V1: +13.5V ±10% V2: +5V -----	0A 0A	10A 3A	22A 3A	150mVp-p 50mVp-p	±1% 1%	±1% 3%	73% Min.	19 ~ 23V 5.8 ~ 7.0V
RP21506CP	V1: +24V ±10% V2: +12V -----	0A 0A	4.75A 3A	11.5A 3A	150mVp-p 50mVp-p	±1% 1%	±1% 3%	75% Min.	27.6 ~ 30V 14.5 ~ 17V
RP21507CP	V1: +24V ±10% V2: +12V -----	0A 0A	7.6A 3A	18.5A 3A	150mVp-p 50mVp-p	±1% 1%	±1% 3%	75% Min.	19 ~ 23V 5.8 ~ 7.0V

**CE Standards**

EN 55032, EN 55024,
EN 61000-3-2, 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 60950-1

Safety Standards

UL/CUL 60950 APPROVAL



CE

Marking

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:**
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. With ● are non-safety approval
 8. Output Voltage Adjustable is measured on 5% of rated load.
 9. Reign Power reserve the right to change specifications at any time without notice.