



Features



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
Max. I/P current / Inrush current (25° C)	1.88A/20A@110VAC 0.93A/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	Max.					
RP1150-05C	V1: +5V ±10%	0A	30A	30A	50mVp-p	±1%	±1%	74% Min.	6.3 ~ 6.5V
RP1150-08C	V1: +8V ±10%	0A	18.8A	18.8A	80mVp-p	±1%	±1%	74% Min.	9.6 ~ 12V
RP1150-12C	V1: +12V ±10%	0A	12.5A	12.5A	150mVp-p	±1%	±1%	75% Min.	15.0 ~ 18V
RP1150-24C	V1: +24V ±10%	0A	6.25A	6.25A	150mVp-p	±1%	±1%	77% Min.	27.6 ~ 31V
RP1150-48C	V1: +48V ±10%	0A	3.15A	3.2A	250mVp-p	±1%	±1%	77% Min.	54 ~ 60V
RP1150-125C	V1: +125V ±10%	0A	1.2A	1.2A	250mVp-p	±1%	±3%	80% Min.	-----
RP21501C	V1: +8V ±10% V2: +5V -----	0A 0A	15A 3A	15A 3A	80mVp-p 50mVp-p	±1% ±1%	±1% ±1%	70% Min.	12 ~ 14V 5.8 ~ 7.0V
RP21502C	V1: +12V ±10% V2: +5V -----	0A 0A	11.25A 3A	12.5A 3A	100mVp-p 50mVp-p	±1% ±1%	±1% ±1%	70% Min.	14.5 ~ 17V 5.8 ~ 7.0V
RP21504C	V1: +24V ±10% V2: +5V -----	0A 0A	5.62A 3A	6.3A 3A	150mVp-p 50mVp-p	±1% ±1%	±1% ±1%	74% Min.	27.6 ~ 30V 5.8 ~ 7.0V
RP21507C	V1: +12V ±10% V2: -12V -----	0A 0A	11.85A 0.65A	11.85A 0.65A	150mVp-p 80mVp-p	±1% ±1%	±1% ±1%	75% Min.	17.1 ~ 18.9V 15 ~ 18V
RP21508C	V1: +48V ±10% V2: +12V -----	0A 0A	2.8A 1.2A	2.8A 1.2A	480mVp-p 80mVp-p	±1% ±1%	±1% ±1%	77% Min.	54 ~ 60V 15 ~ 18V

CE Standards

EN 55032, EN 55035,
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 62368-1

Safety Standards

	UL/CUL	60950	APPROVAL
	CE		Marking
	TUV		Marking



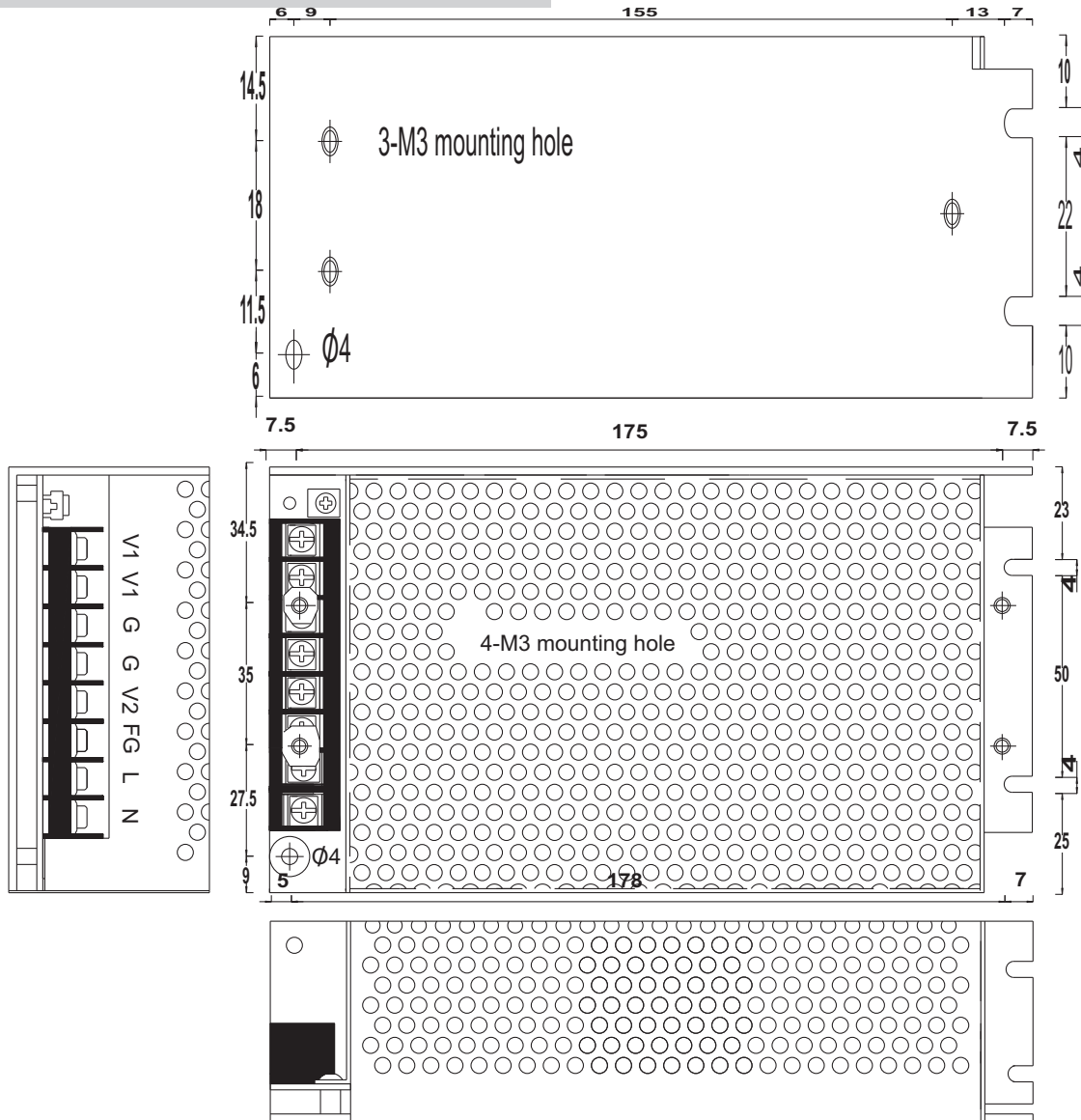
Environments

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. With ◆ are without TUV approval.
 9. Output Voltage Adjustable is measured on 5% of rated load.
 10. Reign Power reserve the right to change specifications at any time without notice.



Mechanical Details



Panel Designation

PCB Barrier Terminal Block

Pin	Single	Dual	Description
1	L	L	L : Line Terminal of Input
2	N	N	N : Neutral Terminal of Input
3	FG	FG	FG : Ground (Earth) No Polarity At DC Input
4	NC	V2	NC : No connection
5,6	G	G	G : DC Output Ground Terminal
7,8	V1	V1	Vx : DC Output Terminal (Specify at spec.)

CASE NO. : CS150

UNIT : mm

DIMENSIONS : 190(L) x 106(W) x 50(H)