



All the patents are held accountable counterfeiting.

Features

DIMENSIONS: 190(L) x 106(W) x 50(H)mm
Weights: 1040g

- Fan speed control
- 100% burn-in test
- Burn-in power factor corrector
- MOSFET designed
- 2 years Warranty
- Output modify range: 3V~200VDC
- Split rail & Series connection possible

General specifications

INPUT

Input range	100~240VAC / 127~380VDC
Input frequency	47~63Hz
Inrush current (25° C)	20A/110VAC 40A/220VAC
Power factor	95% Min/110VAC

OUTPUT

Hold-up time	10ms
Short protection	Autorecovery
Overload protection	Automatic power limited
Over voltage protection	Autorecovery

Detail specifications

500 Watt

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.					
RP1500-12CV	V1: +12V ±10%	0A	41.6A	41.6A	150mVp-p	±1%	±1%	78% Min.	15 ~ 18V
RP1500-15CV	V1: +15V ±10%	0A	33.3A	33.3A	150mVp-p	±1%	±1%	78% Min.	20 ~ 24V
RP1500-24CV	V1: +24V ±10%	0A	20.8A	20.8A	240mVp-p	±1%	±1%	80% Min.	27.6 ~ 31V
RP1500-48CV	V1: +48V ±10%	0A	10.4A	10.4A	250mVp-p	±1%	±1%	82% Min.	54 ~ 60V

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 Meet
CE Marking

Environments

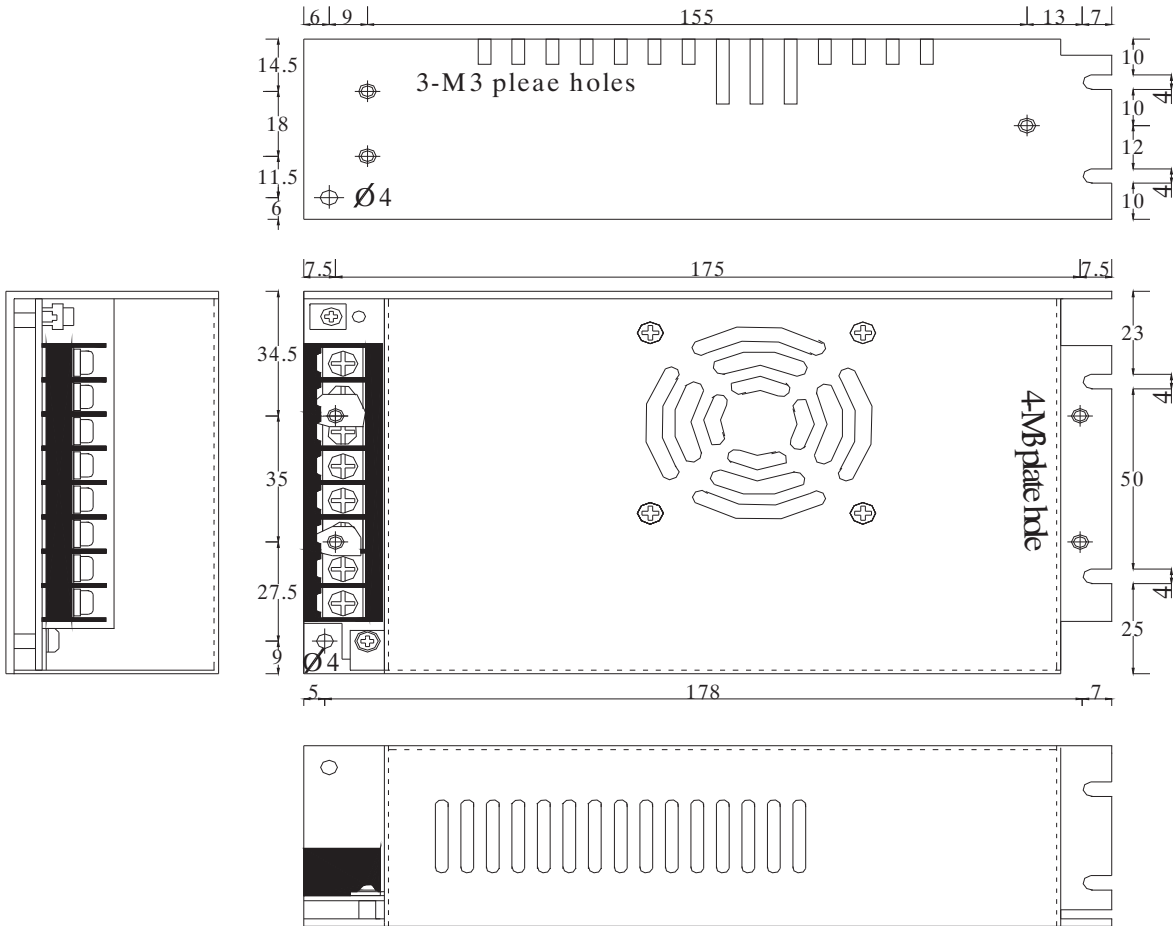
Operating Temperature -15 ~ 50°C, Ambient
Operating Humidity 20 ~ 90% RH, No Condensing
Storage Temperature -20 ~ 85°C, Ambient
Vibration 2G, 10~500Hz, 3 axes

- 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. Output Voltage Adjustable is measured on 5% of rated load.
 8. Reign Power reserve the right to change specifications at any time without notice.



All the patents are held accountable counterfeiting.

Mechanical Details



Panel Designation

PCB Barrier Terminal Block

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

CASE NO. : CS600
 UNIT : mm
 DIMENSIONS : 190(L) x 106(W) x 50(H)mm
 MATERIAL : ALUMINUM
 COLOR : SILVER