



## Features



DIMENSIONS : 173.5(L) x 127(W) x 52(H)mm  
WEIGHTS: 1890g

- Fan cooled(PCB damp proof process)
- Isolated housing
- CEMF(counter-electromotive force)
- MOSFET designed
- 2 years Warranty
- **Output modify range: 3V~200VDC**
- **Split rail & Series connection possible**

## General specifications

INPUT

Input range	90~132/180~264VAC (Selectable) 220~380VDC
Input frequency	47~63Hz
Inrush current (25° C)	25A/110VAC 50A/220VAC

OUTPUT

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

## Detail specifications



200 Watts (300 Watts Peak)For Servo & Stepping Motor  
Parallel Operation Available

MODEL	O/P Volt Adj. ± %	Load(Current) <sup>1</sup>			Ripple & Noise <sup>4</sup>	Line REG. <sup>2</sup>	Load REG. <sup>3</sup>	Efficiency <sup>5</sup>	O.V.P. Trip point
		Min.	Rated	Max.					
RP1200M-24	V1: +24V ±10%	0A	8.3A	12.5A	150mVp-p	±1%	±5%	78% Min.	27.6 ~ 30V
RP1200M-48	V1: +48V ±10%	0A	4.2A	6.25A	250mVp-p	±1%	±3%	80% Min.	54 ~ 60V
RP1200M-75	V1: +75V ±10%	0A	2.6A	4A	300mVp-p	±1%	±2%	83% Min.	90 ~ 120V
RP1200M-100	V1: +100V ±10%	0A	2A	3A	300mVp-p	±1%	±2%	84% Min.	130 ~ 155V

## CE Standards

EN 55032, EN 55035,  
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 Meet

## 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.

**Reign Power reserve the right to change specifications at any time without notice.**

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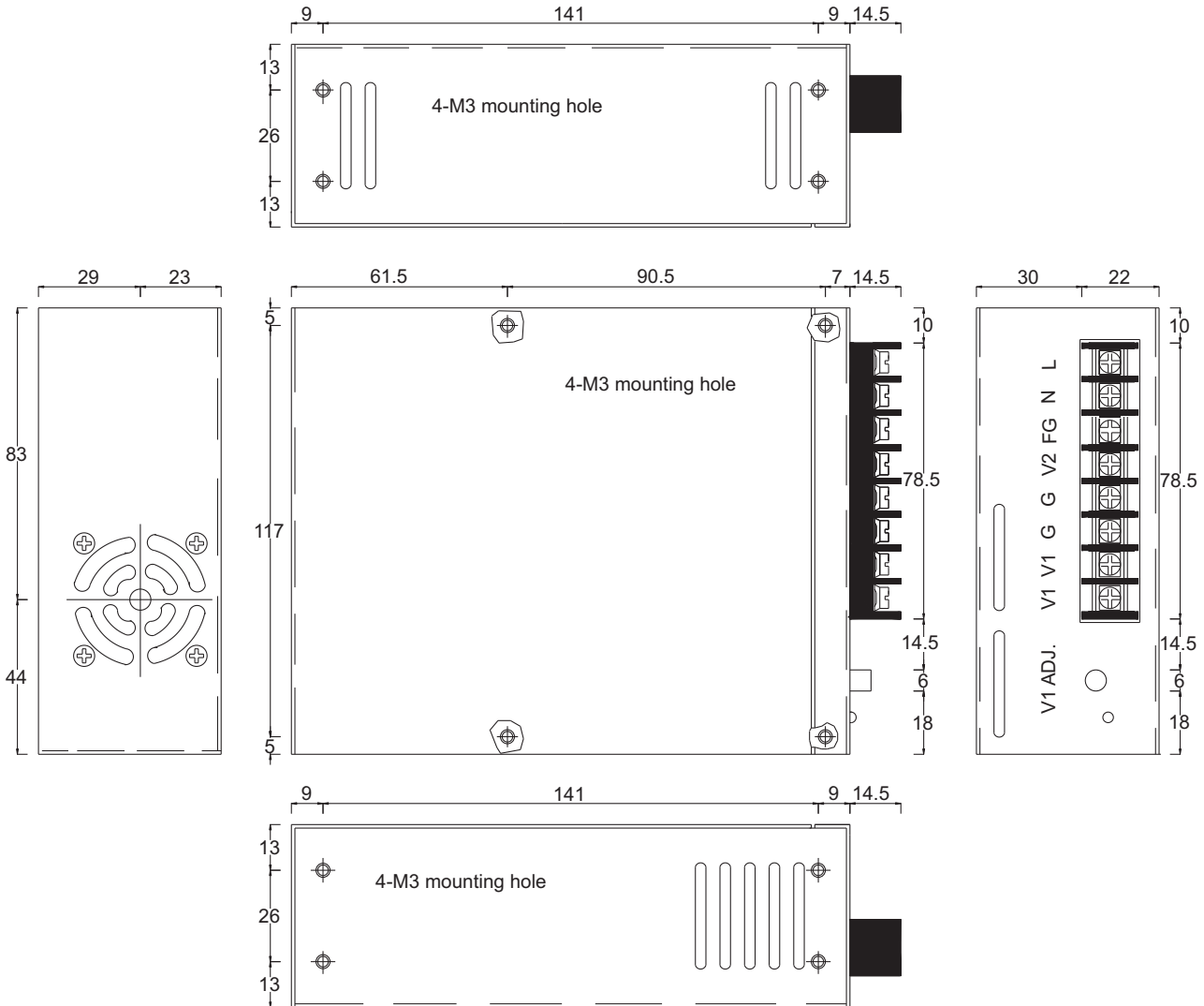
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**REIGNPOWER**  
S.M.P.S





# Mechanical Details



## Panel Designation

### PCB Barrier Terminal Block

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

UNIT : mm  
 MATERIAL : ALUMINUM  
 COLOR : BLACK  
 CASE NO. : CS200  
 DIMENSIONS :  
 173.5(L) x 127(W) x 52(H)mm