AC ➡ DC SWITCHING POWER SUPPLY

SLP1200 SERIES

Features

DIMENSIONS : 151(L) x 99(W) x 35(H)mm
WEIGHTS: 500g

- Convection cooled
- 100% burn-in test
- 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
Max. I/P current / Inrush current (25° C)	2.5A/20A@110VAC
	2.0A/40A@220VAC

OUTPUT

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

Detail specifications

200 Watts

MODEL	O/P Volt Adj. ± %	Load(Current) 1			Ripple & Noise 4	Line REG. 2	Load REG. 3	Efficiency 5	O.V.P
		Min.	Rated	Max.					
SLP1200-12M	V : +12V ±10%	0A	16.7A	16.7A	120mV	±1%	±1%	84% Ref.	17.1 ~ 18.9V
SLP1200-24M	V : +24V ±10%	0A	8.4A	8.4A	240mV	±1%	±1%	86% Ref.	31.4 ~ 34.7V
SLP1200-48M	V : +48V ±10%	0A	4.2A	4.2A	480mV	±1%	±1%	88% Ref.	64.6 ~ 71.4V
SLP22001M	V1 : +12V±10% V2 : +5V	0A 0A	14.2A 3A	14.2A 3A	120mV 40mV	±1%	±1%	84% Ref.	17.1 ~ 18.9V 5.8 ~ 7.0V
SLP22002M	V1 : +24V±10% V2 : +5V	0A 0A	7.5A 3A	7.5A 3A	240mV 40mV	±1%	±1%	84% Ref.	31.4 ~ 34.7V 5.8 ~ 7.0V
SLP22003M	V1 : +24V±10% V2 : +12V	0A 0A	7.3A 2A	7.3A 2A	240mV 80mV	±1%	±1%	84% Ref.	31.4 ~ 34.7V 15 ~ 18V
SLP22004M	V1 : +48V±10% V2 : +12V	0A 0A	3.8A 1.2A	3.8A 1.2A	480mV 80mV	±1%	±1%	88% Ref.	64.6 ~ 71.4V 15 ~ 18V
SLP32001M	V1 : +24V±10% V2 : +12V V3 : +5V	0A 0A 0A	6.705A 2A 3A	6.705A 2A 3A	240mV 80mV 40mV	±1%	±1%	85% Ref.	31.4 ~ 34.7V 15 ~ 18V 5.8 ~ 7.0V
SLP32002M	V1 : +36V±10% V2 : +12V V3 : +5V	0A 0A 0A	4.975A 1.2A 1.3A	4.975A 1.2A 1.3A	360mV 80mV 40mV	±1%	±1%	85% Ref.	47.8 ~ 53.2V 15 ~ 18V 5.8 ~ 7.0V
SLP32003M	V1 : +24V±10% V2 : +12V V3 : -12V	0A 0A 0A	7A 2A -0.65A	7A 2A -0.65A	240mV 80mV 80mV	±1%	±1%	85% Ref.	31.4 ~ 34.7V 15 ~ 18V -15 ~ -18V
SLP32004M	V1 : +36V±10% V2 : +12V V3 : -12V	0A 0A 0A	4.93A 1.2A -0.4A	4.93A 1.2A -0.4A	360mV 80mV 80mV	±1%	±1%	85% Ref.	47.8 ~ 53.2V 15 ~ 18V -15 ~ -18V
SLP32005M	V1 : +12V±10% V2 : +5V V3 : -12V	0A 0A 0A	14.76A 3A -0.65A	14.76A 3A -0.65A	120mV 40mV 80mV	±1%	±1%	85% Ref.	17.1 ~ 18.9V 5.8 ~ 7.0V -15 ~ -18V

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REIGNPOWER S.M.P.S

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

c UL us E159228 UL 60950 Meet

CE CE Marking

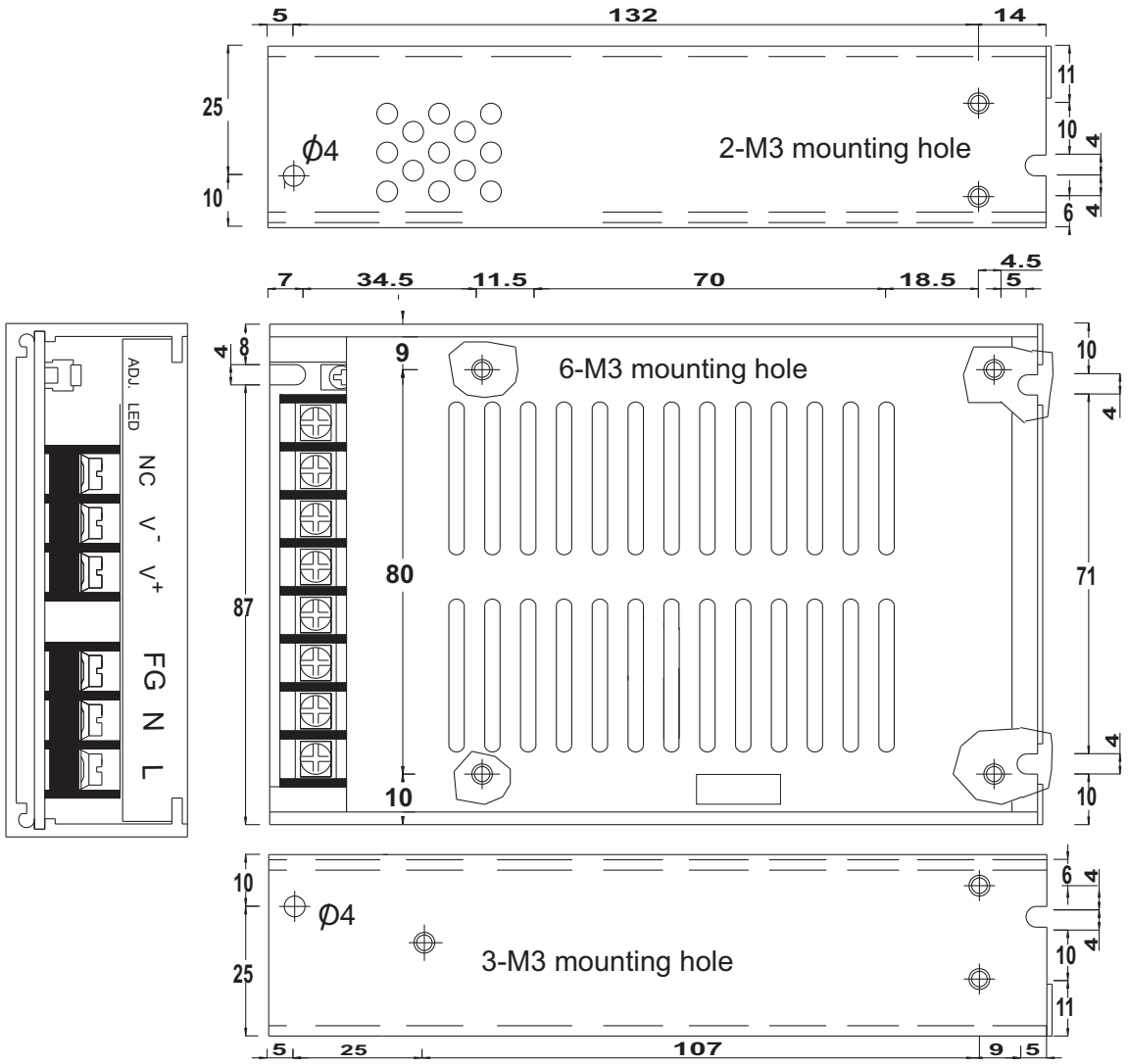
Environments

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. When using the product, we suggest keeping the temperature of the power supply enclosure below 70 °C. (It is recommended to conduct the heat to a iron or aluminum plate of 500x500mm or the same size with a thickness of 5 mm.)
9. Reign Power reserve the right to change specifications at any time without notice.

Mechanical Details



Panel Designation

CASE NO. : SLP1100
UNIT : mm
DIMENSION : 151(L)*99(W)*35(H)
MATERIAL : ALUMINUM
COLOR : ORIGINAL ALUMINUM

Symbol	Description
L	Line Terminal Of AC Input (No Polarity At DC Input)
N	Neutral Terminal Of AC Input (No Polarity At DC Input)
FG	Grounding (Earth)
V^+	DC Output Positive Terminal
V^-	DC Output Negative Terminal
NC	No Connection