



## 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

90~264VAC  
127~380VDC  
47~63Hz  
20A/110VAC  
40A/220VAC

Input frequency

Inrush current (25° C)

OUTPUT

Hold-up time

Short protection

Overload protection

Over voltage protection

16mS  
Autorecovery  
Automatic power limited  
Optional

## Detail specifications

100 Watts

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
		Min.	Rated	Max.					
SLP1100-12F	V : +12V ±10%	0A	8.3A	8.3A	120mV	±1%	±1%	85% Ref.	17.1 ~ 18.9V
SLP1100-24F	V : +24V ±10%	0A	4.2A	4.2A	240mV	±1%	±1%	89% Ref.	31.4 ~ 34.7V
SLP1100-48F	V : +48V ±10%	0A	2.1A	2.1A	480mV	±1%	±1%	91% Ref.	64.6 ~ 71.4V
SLP21001F	V1 : +12V±10% V2 : +5V	0A 0A	7.1A 3A	7.1A 3A	120mV 40mV	±1%	±1%	85% Ref.	17.1 ~ 18.9V 5.8 ~ 7.0V
SLP21002F	V1 : +24V±10% V2 : +5V	0A 0A	3.55A 3A	3.55A 3A	240mV 40mV	±1%	±1%	85% Ref.	31.4 ~ 34.7V 5.8 ~ 7.0V
SLP21003F	V1 : +24V±10% V2 : +12V	0A 0A	3.17A 2A	3.17A 2A	240mV 80mV	±1%	±1%	85% Ref.	31.4 ~ 34.7V 15 ~ 18V
SLP21004F	V1 : +48V±10% V2 : +12V	0A 0A	1.63A 1.2A	1.63A 1.2A	480mV 80mV	±1%	±1%	91% Ref.	64.6 ~ 71.4V 15 ~ 18V
SLP31001F	V1 : +24V±10% V2 : +12V V3 : +5V	0A 0A 0A	2.535A 2A 3A	2.535A 2A 3A	240mV 80mV 40mV	±1%	±1%	85% Ref.	31.4 ~ 34.7V 15 ~ 18V 5.8 ~ 7.0V
SLP31002F	V1 : +36V±10% V2 : +12V V3 : +5V	0A 0A 0A	2.19A 1.2A 1.3A	2.19A 1.2A 1.3A	360mV 80mV 40mV	±1%	±1%	85% Ref.	47.8 ~ 53.2V 15 ~ 18V 5.8 ~ 7.0V
SLP31003F	V1 : +24V±10% V2 : +12V V3 : -12V	0A 0A 0A	2.84A 2A -0.65A	2.84A 2A -0.65A	240mV 80mV 80mV	±1%	±1%	85% Ref.	31.4 ~ 34.7V 15 ~ 18V -15 ~ -18V
SLP31004F	V1 : +36V±10% V2 : +12V V3 : -12V	0A 0A 0A	2.16A 1.2A -0.4A	2.16A 1.2A -0.4A	360mV 80mV 80mV	±1%	±1%	85% Ref.	47.8 ~ 53.2V 15 ~ 18V -15 ~ -18V
SLP31005F	V1 : +12V±10% V2 : +5V V3 : -12V	0A 0A 0A	6.43A 3A -0.65A	6.43A 3A -0.65A	120mV 40mV 80mV	±1%	±1%	85% Ref.	17.1 ~ 18.9V 5.8 ~ 7.0V -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 60950 Meet



CE Marking

**Environments**

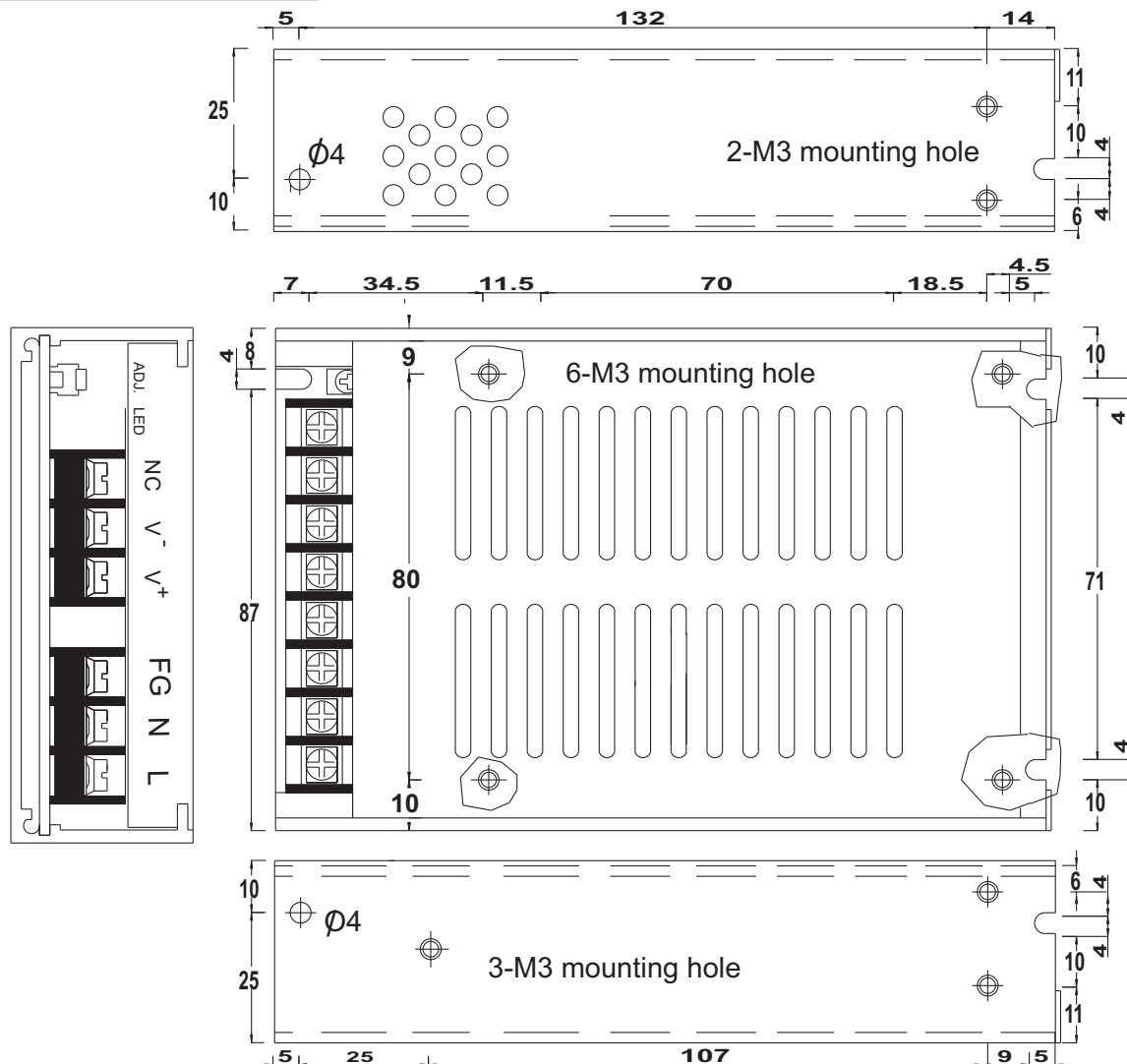
Operating Temperature	-15 ~ 50°C, Ambient
Operating Humidity	20 ~ 90% RH, No Condensing
Storage Temperature	-20 ~ 85°C, Ambient
Vibration	2G, 10~500Hz, 3 axes

**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.



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 <sup>+</sup>	DC Output Positive Terminal
V <sup>-</sup>	DC Output Negative Terminal
NC	No Connection