



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) ¹			Ripple & Noise ⁴	Line REG. ²	Load REG. ³	Efficiency ⁵	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%	0A	7.1A	7.1A	120mV	±1%	±1%	85% Ref.	17.1 ~ 18.9V 5.8 ~ 7.0V
	V2 : +5V	0A	3A	3A	40mV				
SLP21002F	V1 : +24V±10%	0A	3.55A	3.55A	240mV	±1%	±1%	85% Ref.	31.4 ~ 34.7V 5.8 ~ 7.0V
	V2 : +5V	0A	3A	3A	40mV				
SLP21003F	V1 : +24V±10%	0A	3.17A	3.17A	240mV	±1%	±1%	85% Ref.	31.4 ~ 34.7V 15 ~ 18V
	V2 : +12V	0A	2A	2A	80mV				
SLP31001F	V1 : +24V±10%	0A	2.535A	2.535A	240mV	±1%	±1%	85% Ref.	31.4 ~ 34.7V 15 ~ 18V 5.8 ~ 7.0V
	V2 : +12V	0A	2A	2A	80mV				
	V3 : +5V	0A	3A	3A	40mV				
SLP31002F	V1 : +36V±10%	0A	2.19A	2.19A	360mV	±1%	±1%	85% Ref.	47.8 ~ 53.2V 15 ~ 18V 5.8 ~ 7.0V
	V2 : +12V	0A	1.2A	1.2A	80mV				
	V3 : +5V	0A	1.3A	1.3A	40mV				
SLP31003F	V1 : +24V±10%	0A	2.84A	2.84A	240mV	±1%	±1%	85% Ref.	31.4 ~ 34.7V 15 ~ 18V 15 ~ 18V
	V2 : +12V	0A	2A	2A	80mV				
	V3 : -12V	0A	0.65A	0.65A	80mV				
SLP31004F	V1 : +36V±10%	0A	2.16A	2.16A	360mV	±1%	±1%	85% Ref.	47.8 ~ 53.2V 15 ~ 18V 15 ~ 18V
	V2 : +12V	0A	1.2A	1.2A	80mV				
	V3 : -12V	0A	0.4A	0.4A	80mV				
SLP31005F	V1 : +12V±10%	0A	6.28A	6.28A	120mV	±1%	±1%	85% Ref.	17.1 ~ 18.9V 5.8 ~ 7.0V 15 ~ 18V
	V2 : +5V	0A	3A	3A	40mV				
	V3 : -12V	0A	0.8A	0.8A	80mV				

**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

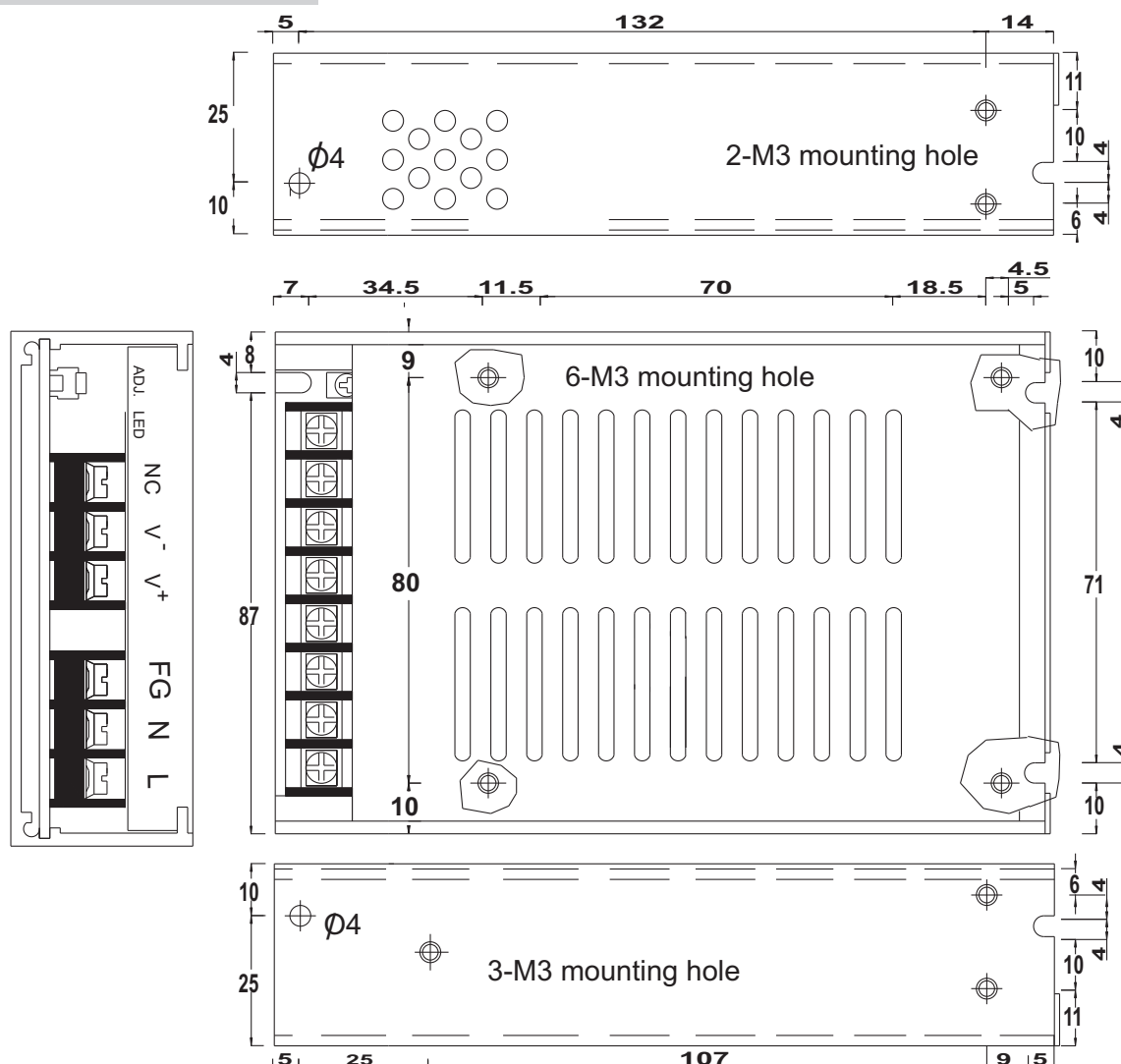
-20 ~ 85°C, Ambient

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 ⁺	DC Output Positive Terminal
V ⁻	DC Output Negative Terminal
NC	No Connection