

# 100W ENCLOSED POWER SUPPLY RANGE



## STONTRONICS: SRS-100-12, SRS-100-15, SRS-100-24, SRS-100-36, SRS-100-48

### Features:

- Small Compact Design
- Cooling by free air convection
- 3 Year Warranty
- Universal Input
- Withstand 5G Vibration Test
- UL & CE Approved



### Description:

The 100W enclosed power supply range has been specially designed to offer high efficiency, long life and high reliability for use in a variety of applications. This range comprises of 5 models with outputs of either 12v, 15v, 24v, 36v or 48v. Each model is RoHS, CE, UL approved and come with a three year warranty.

SPECIFICATION					
Part number	SRS-100-12	SRS-100-15	SRS-100-24	SRS-100-36	SRS-100-48
DC Voltage	12v	15v	24V	36V	48V
Rated current	8.5A	7A	4.5A	2.8A	2.3A
Current Range	0~8.5A	0~7A	0~4.5A	0~2.8A	0~2.3A
Rated Power	102W	105W	108W	101W	110W
Ripple & Noise	150mVp-p	200mVp-p	200mVp-p	200mVp-p	200mVp-p
Voltage regulation range	±10.0%				
Voltage Accuracy	≤1%				
Line adjustment	≤1%				
Load adjustment rate	≤1%				
No Load Power Consumption	<0.3W				
Rise	500ms, 30ms/230VAC100% Load				
Hold uptime	30ms/ 100% Rated Load				
Voltage Range	100~240VAC				
Frequency	47~63Hz				
Input Current	MAX 2.8/115 Vac 1.6A/230VAC				
Efficiency	86%	88%	88%	90.5%	91%
Alternating Current	1.9A/115VAC1.2A/230Vac				
Inrush current	50A/230VAC				
Leakage Current	<0.75mA/240VAC				
Overload	120 ~ 140% of rated output, auto-recovery				
Short circuit	Hiccup Mode, auto-recovery				
Working temp	-30°C ~ +70°C (See derating curve)				
Working humidity	20 ~ 95%RH (Noncondensing)				
Storage temp	-40°C ~+85°C				
Storage humidity	10 ~ 95%RH (Noncondensing)				
Temp coefficient	±0.03%/°C(0~50°C)				
Vibration resistance	10~500Hz, 5G, 10min/cycle, X, Y, Z 60min in each direction				
Safety Standard	CE, UL60950-1, EN60950-1				
Withstand Voltage	I/P-O/P:3.0KV AC, I/P-FG:2.0KV AC, O/P-FG:0.5KVAC				
Isolation Resistance	I/P-O/P, I/P-FG, O/P-FG:100MΩ/500VDC				
EMC	EN55022 CLASS B				
Lifetime	380,000hours (25°C)				
Size	129×97×30 (L*W*H)				
Weight	0.34Kg/pc54pcs/carton				

### General Note

TT Electronics reserves the right to make changes in product specification without notice or liability. All information is subject to TT Electronics' own data and is considered accurate at time of going to print.

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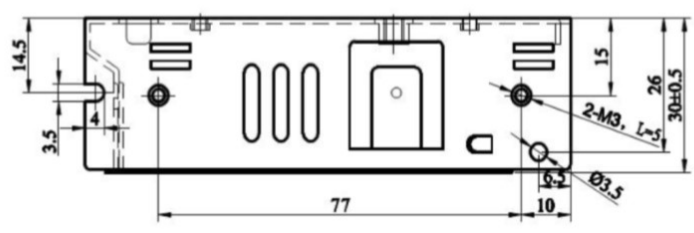
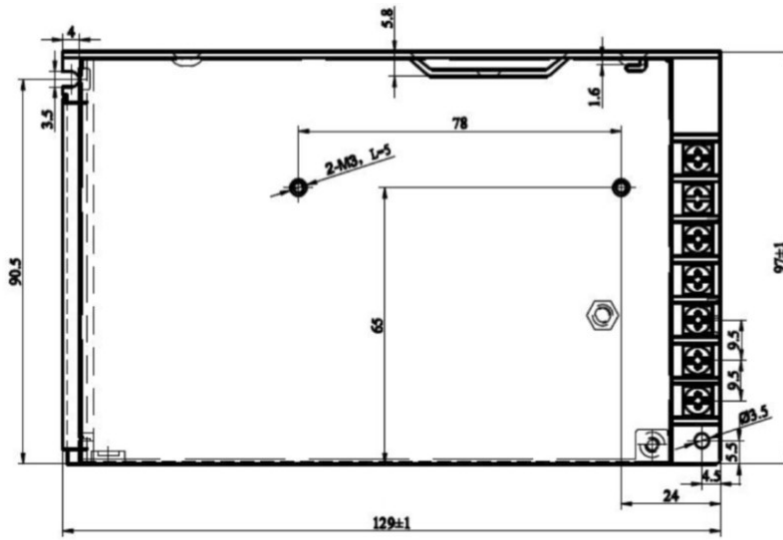
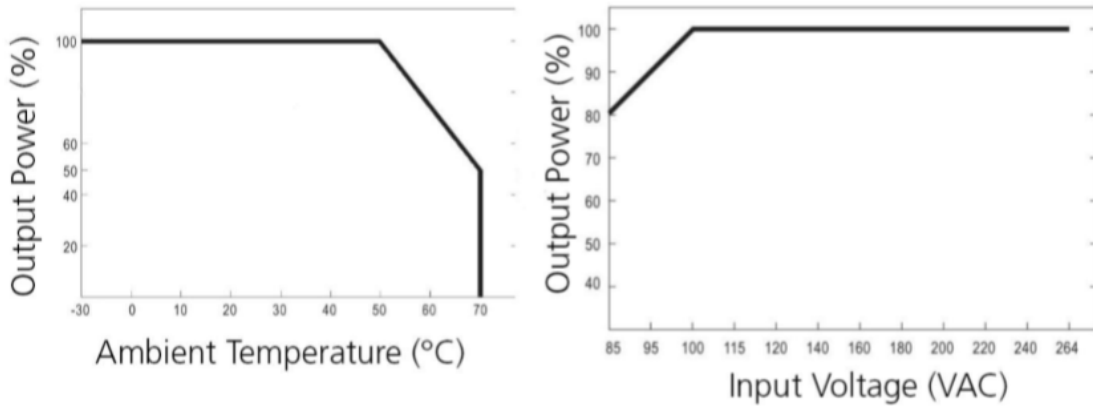
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## Diagrams



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