



ENGLISH

SRS100 Power Supply Range



Specifications:

- Universal AC Input
- Protections: short circuit/overload
- Cooling by free air convection
- 100% pass aging test
- 3 years warranty





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SPECIFICATION				
Part Code	SRS100-12	SRS100-24	SRS100-36	SRS100-48
RS Stock Number	161-8291	161-8294	161-8295	161-8296
DC Voltage	12V	24V	36V	48V
Rated current	8.5A	4.5A	2.8A	2.3A
Current Range	0~8.5A	0~4.5A	0~2.8A	0~2.3A
Rated Power	102W	108W	101W	110W
Ripple & Noise	150mVp-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	≤ 30ms Rated Load			
Hold up time	30ms/ Rated Load			
Voltage Range	85~264VAC			
Frequency	47~63Hz			
Efficiency	88%	90%	90.5%	91%
Alternating Current	MAX 1.9A/115VAC 1.2A/230Vac			
Inrush current	50A/230VAC			
Leakage Current	<0.75mA/240Vac			
Overload	120 ~ 150% of rated output, auto-recovery			
Short circuit	Hiccup Mode, auto-recovery			
Over Voltage	120%-140% rated output voltage, Shut down o/p voltage, re-power to recover			
Working temp	-30°C ~ +70°C (See derating curve)			
Working humidity	20 ~ 95%RH (Non condensing)			
Storage temp	-40°C ~ +85°C			
Storage humidity	10 ~ 95%RH (Non condensing)			
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 & UL (Pending)			
Withstand Voltage	I/P-O/P:3.0KV AC, I/P-FG:2.0KV AC,O/P-FG:0.5KV AC			
Isolation Resistance	I/P-O/P,I/P-FG,O/P-FG:100MΩ/500VDC/25°C/70%RH			
EMC	EN55022 CLASS B			
Lifetime	380,000 hours(25°C)			
Size	129×97×30 (L*W*H)			
Weight	0.34Kg/pc 54pcs/carton			

Mechanical Drawing

