

200W ENCLOSED POWER SUPPLY RANGE

STONTRONICS: SRS-200-12, SRS-200-24,
SRS-200-36, SRS-200-48



Features:

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

Description:

The 200W 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 4 models with outputs of either 12v,24v,36v or 48v. Each model is RoHS, CE, UL approved and come with a three year warranty.

SPECIFICATION				
PART NUMBER	SRS-200-12	SRS-200-24	SRS-200-36	SRS-200-48
DC VOLTAGE	12V	24V	36V	48V
RATED CURRENT	17A	8.8A	5.9A	4.4A
CURRENT RANGE	0~17A	0~8.8A	0~5.9A	0~4.4A
RATED POWER	204W	211.2W	212.4W	211.2W
RIPPLE & NOISE	150mVp-p	150mVp-p	200mVp-p	200mVp-p
VOLTAGE REGULATION RANGE	±1.0%			
VOLTAGE ACCURACY	±1.5%			
LINE ADJUSTMENT	±0.5%			
LOAD ADJUSTMENT RATE	±1%			
RISE	1300ms, 50ms/230VAC100% Load			
HOLD UP TIME	12ms/115VAC, 16ms/230VAC 100% Rated Load			
VOLTAGE RANGE	90~132VAC/180~264VAC switch selectable. 240-370VDC with switch set to 230VAC only			
FREQUENCY	47~63Hz			
EFFICIENCY	86%	90%	90%	90%
ALTERNATING CURRENT	115VAC 230Vac 4A;2.2A			
INRUSH CURRENT	Cold Start 60A/115VAC 60A/230VAC			
LEAKAGE CURRENT	<2mA/240VAC			
OVRLOAD	110 ~ 140% of rated output, auto-recovery			
SHORT CIRCUIT	Hiccup Mode, auto-recovery			
OVER VOLTAGE	115%-135% rated output voltage, Shut down o/p voltage, re-power to recover			
OVER TEMP	Auto Recovery			
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, 2G, 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 CLASSB			
MTBF	226,400 hours (25°C)			
SIZE	215×115×30 (L*W*H)			
WEIGHT	0.75Kg/ 27pcs/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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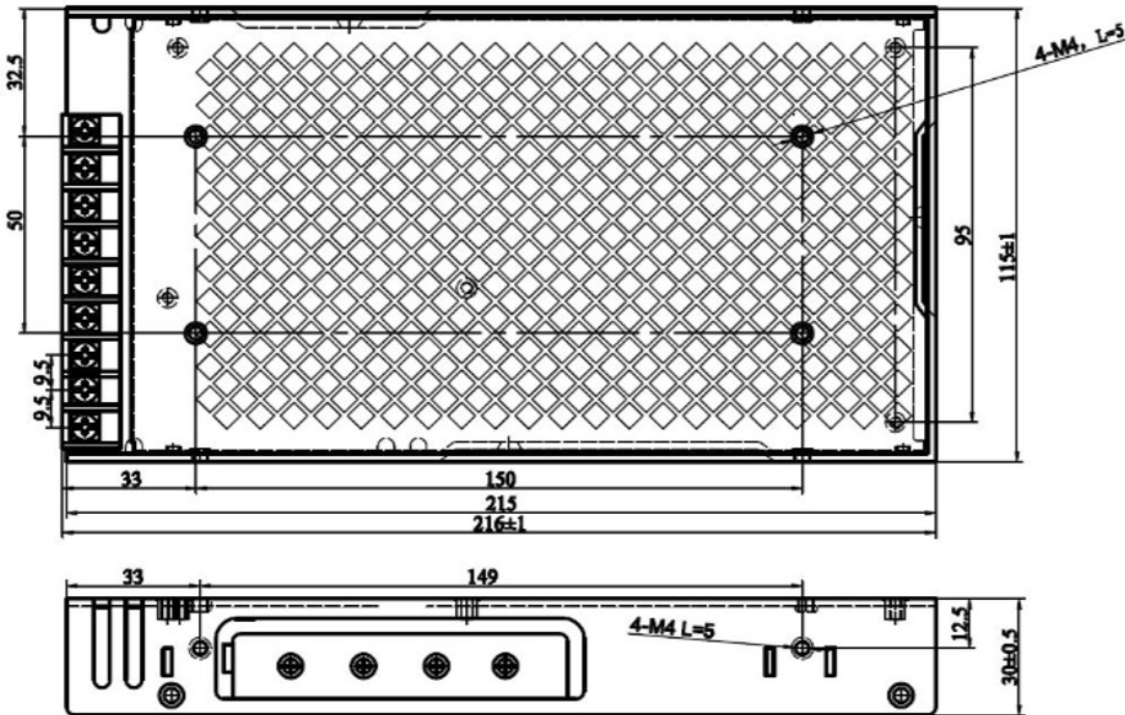
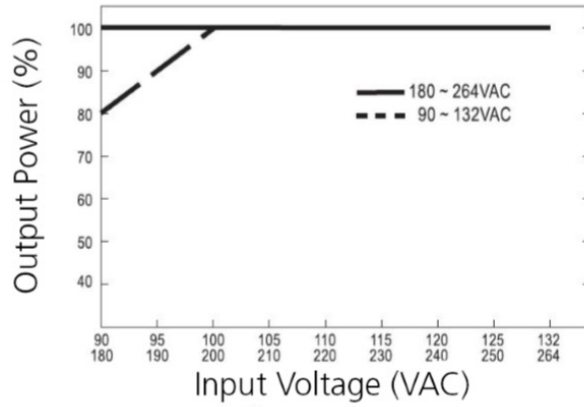
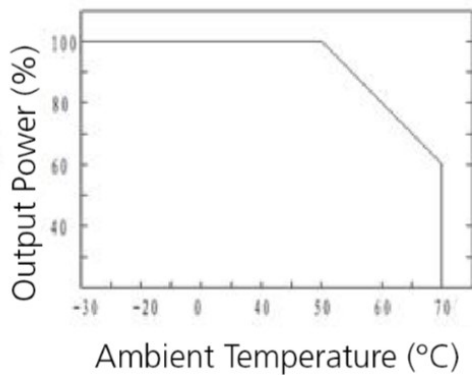
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Diagrams



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