

# 50W ENCLOSED POWER SUPPLY RANGE



SRS-50-5, SRS-50-12, SRS-50-15,  
SRS-50-24, SRS-50-36, SRS-50-48



## Features:

- No Load Power Consumption <0.5W
- Small Compact Design
- Cooling by free air convection
- High efficiency, long life and high reliability
- 3 Year Warranty

## Description:

The 50W 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 6 models with outputs of either 5v, 12v,15v,24v, 36v or 48v. Each model is RoHS, CE, UL approved and come with a three year warranty.

SPECIFICATION						
PART NUMBER	SRS-50-5	SRS-50-12	SRS-50-15	SRS-50-24	SRS-50-36	SRS-50-48
DC VOLTAGE	5	12	15	24	36	48
RATED CURRENT	10A	4.2A	3.4A	2.2A	1.45A	1.1A
CURRENT RANGE	0~10A	0~4.2A	0~3.4A	0~2.2A	0~1.45A	0~1.1A
RATED POWER	50W	50.4W	51W	52.8W	52.2W	52.8W
RIPPLE & NOISE	80mVp-p	120mVp-p	150mVp-p	150mVp-p	200mVp-p	200mVp-p
VOLTAGE REGULATION RANGE	±10.0%					
VOLTAGE ACCURACY	≤1%					
LINE ADJUSTMENT	≤1%					
LOAD ADJUSTMENT RATE	≤1%					
NO LOAD POWER CONSUMPTION	<0.2W					
RISE	1000ms, 30ms/230VAC100% Load					
HOLD UP TIME	30ms/ 100% Rated Load					
VOLTAGE RANGE	100~240VAC					
FREQUENCY	47~63Hz					
INPUT CURRENT	MAX 2.8/115 Vac 1.6A/230VAC					
EFFICIENCY	83%	85%	85%	88%	89%	90%
ALTERNATING CURRENT	0.95A/115VAC0.56A/230Vac					
INRUSH CURRENT	45A/230VAC					
LEAKAGE CURRENT	<3.5mA/240VAC					
OVRLOAD	100 ~ 150% of rated output, auto-recovery					
SHORT CIRCUIT	Hiccup Mode, auto-recovery					
WORKING TEMP	-30°C ~ +50°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					
LIFETIME	100,000hours(25°C)					
SIZE	99×82×30(L*W*H)					
WEIGHT	0.23Kg/pc66pcs/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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