

150W ENCLOSED POWER SUPPLY RANGE



STONTRONICS: SRS-150-12, SRS-150-15, SRS-150-24, SRS-150-36, SRS-150-48

Features:

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



Description:

The 150W 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	SRS150-12	SRS150-15	SRS150-24	SRS150-36	SRS150-48
DC VOLTAGE	12v	15V	24v	36v	48v
RATED CURRENT	12.5A	10A	6.5A	4.3A	3.3A
CURRENT RANGE	0~12.5A	0~10A	0~6.5A	0~3.4A	0~3.3A
RATED POWER	150W	150W	156W	155W	158W
RIPPLE & NOISE	150mVp-p	≤160mVp-p	≤200mVp-p	≤200mVp-p	≤200mVp-p
VOLTAGE REGULATION RANGE	±10.0%				
VOLTAGE ACCURACY	±1%				
LINE ADJUSTMENT	±1%				
LOAD ADJUSTMENT RATE	±1%				
RISE	30ms, 100% Load				
HOLD UP TIME	30ms 100% Rated Load				
VOLTAGE RANGE	170~264VAC				
FREQUENCY	47~63Hz				
EFFICIENCY	88%	88%	89%	89%	90%
ALTERNATING CURRENT	2.8A/115VAC 1.6A/230VAC				
INRUSH CURRENT	<60A/230VAC				
LEAKAGE CURRENT	<0.75mA/240VAC				
OVERLOAD	120 ~ 150% 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 ~+80°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	380,000hours(25°C)				
SIZE	159×97×30 (L*W*H)				
WEIGHT	0.48Kg/pc44pcs/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.

TT Electronics | Power Partners, Inc
43 Broad Street Suite B206,
Hudson, MA 01749, USA.
t: +1 (978)567-9600

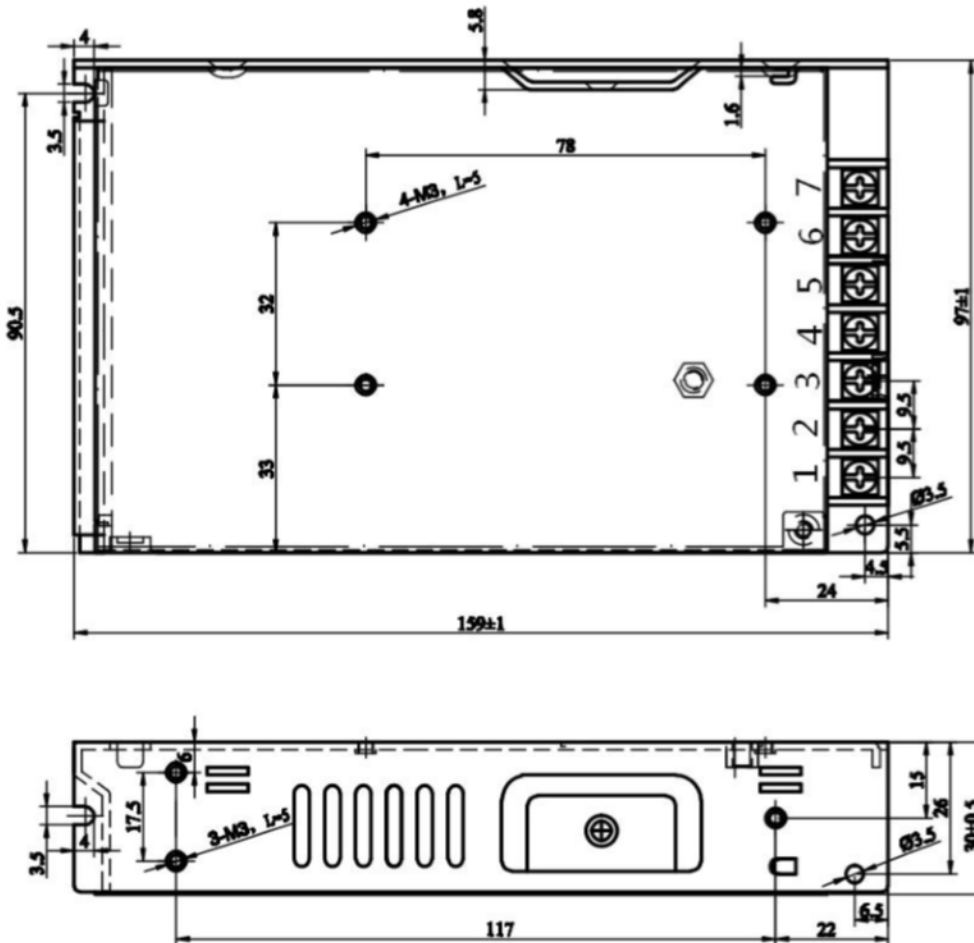
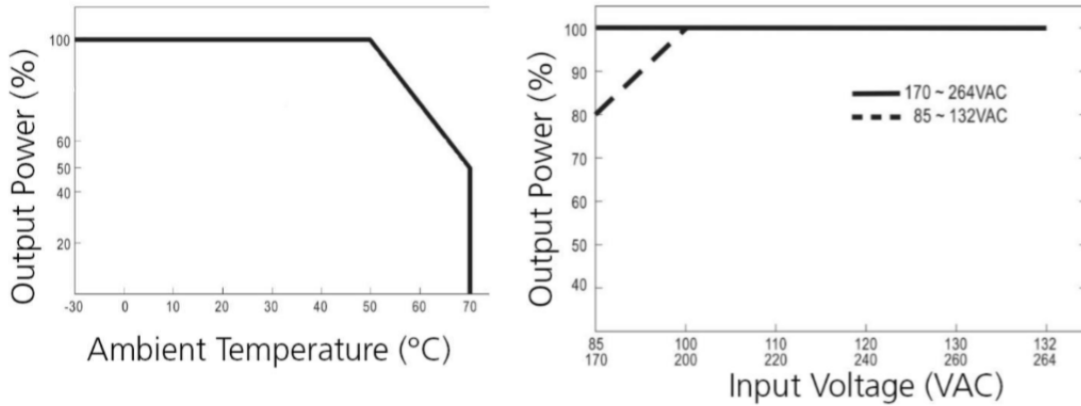
TT Electronics IoT Solutions Ltd
Tofts Farm East, Brenda Road
Hartlepool, TS25 2BQ, UK
t: +44 (0) 1429 852 500

150W ENCLOSED POWER SUPPLY RANGE



STONTRONICS: SRS-150-12, SRS-150-15, SRS-150-24, SRS-150-36, SRS-150-48

Diagrams



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.

TT Electronics | Power Partners, Inc
 43 Broad Street Suite B206,
 Hudson, MA 01749, USA.
 t: +1 (978)567-9600

TT Electronics IoT Solutions Ltd
 Tofts Farm East, Brenda Road
 Hartlepool, TS25 2BQ, UK
 t: +44 (0) 1429 852 500