

DIN RAIL MOUNTING 100/150 Watt Power Supply



- Low Cost
- High Efficiency
- Low Ripple and noise
- 105°C Capacitors
- Air Convection Cooling
- Overload Protection
- Reverse Voltage Protection

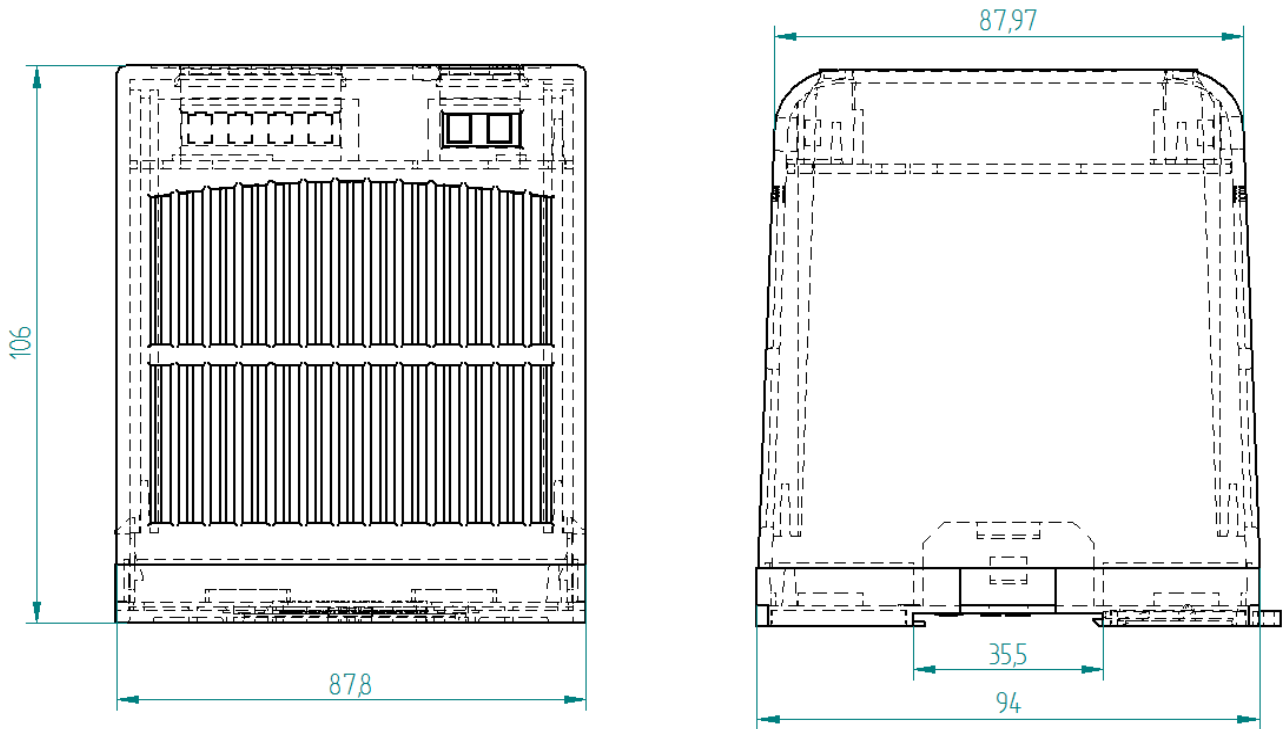
Model	Output Voltage	Output Current	Ripple & Noise	Voltage Adjust. Range	Efficiency typ.230VAC
RS100P-12	12V	0 ~ 8,50A	1% Vout	± 10 %	85 %
RS100P-24	24V	0 ~ 4,25A	1% Vout	± 10 %	86 %
RS125P-12	12V	0 ~ 10,0 A	1% Vout	± 10 %	85 %
RS150P-24	24V	0 ~ 6,25 A	1% Vout	± 10 %	86 %
RS150P-28	28V	0 ~ 5,35 A	1% Vout	± 10 %	86 %
RS150P-48	48V	0 ~ 3,15 A	1% Vout	± 10 %	86 %

GENERAL SPECIFICATIONS

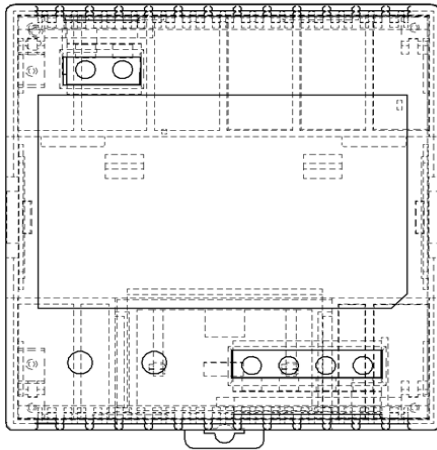
Input	AC voltage range	195 ~ 264
	DC voltage range	276 ~ 370
	Input current	Typ. 1,3/115 – 0,65/230VAC
	Inrush current	35 A typ. at 230 VAC, Cold start
	Frequency range	47 ~ 63 Hz
	Under voltage protection	< 190 VAC
Output	DC voltage	See table (other voltage upon request)
	Current	See table
	Ripple and noise	1 % p-p Vout, measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor.
	Load regulation	± 1% max
	Line regulation	± 1% max
	Overload protection	~ 120% I nom
	Short circuit protection	Permanent / auto restart
	Hold up time	20 ms at 230 VAC/Full load -
Environment	Reverse voltage protection	YES
	Operating temperature	-20+45 °C derating 2,5%/°C>40°C (Vertical position)
	Storage temperature	-40 + 85 °C
Safety	Humidity	20 ~ 90 % RH non condensing
	Safety standard	EN 60950-1, UL60950-1, TUV
	Withstand voltage	I/O 3KVAC
	EMI	Comply to EN55011, EN55022 (CISPR) ClassB
	Immunity	Comply to EN61000-4-2,3,4,5,6,8,11



MECHANICAL SPECIFICATION



CONNECTION



1	AC Live
2	AC Neuter
3	- Vout
4	- Vout
5	+ Vout
6	+ Vout

Mounting on DIN Rail
TS-35/7.5 or 15

TPI Electronic Co, Ltd
 552/4 Moo 10, 304 Industrial Park
 Thatoom Subdistrict, Srimahaphot District
 Prachinburi Province - 25140 THAILAND
 Tel: 663 741 4214 - Fax: 663 741 4217
www.tpi-electronic.com

