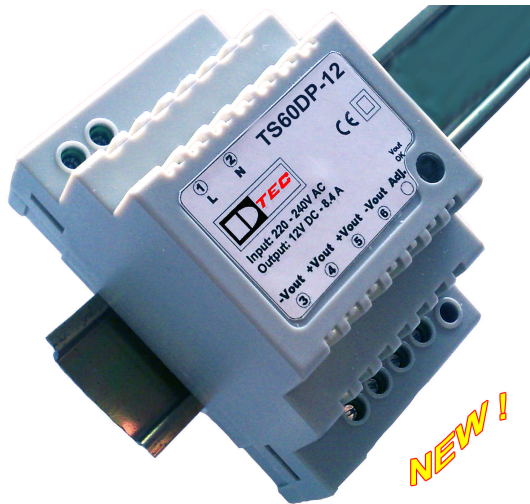


60W Din Rail Power Supply



FEATURES:

- Universal input voltage range
- New Topology (patent pending)
- High Efficiency and Compact size
- Full Output Power under Free air convection
- Latest Energy Star (CEC) Level V Compliant
- Extremely Low No Load Power (<300mW)
- Fully Protected Against Overload Conditionals
- Class II (no safety ground)
- Environmental Friendly Design
- CE marked



Specifications:

Category	Parameter	Value
Input	AC Voltage Range	90 - 264V
	DC Voltage Range	120 - 370V
	Input Current	Typ. 0.5A RMS at 230V AC
	Inrush Current	30A at 230VAC, Cold start
	Frequency Range	47 - 63 Hz by AC use
	Under Voltage Protection	<80V AC
Environment	Operating Temperature	-20 + 45°C
	Relative Humidity	20 - 90% RH non condensating
	Storage Temperature	-40 + 85°C
Output	Ripple and Noise	See Table Below
	Load Regulation	1% max
	Line Regulation	0,1% max
	Overload Protection	120% I nom typical
	Short Circuit Protection	Permanent / auto restart
	Hold up Time	20ms at 230VAC / Full load

Model	Output voltage	Output current	Ripple and Noise	Voltage adjustment range	Efficiency typ. 230VAC
TS60DP - 12	12V	0 - 5.00A	50 mV tt	+/- 10%	90,3%
TS60DP - 24	24V	0 - 2.50A	100 mV tt	+/- 10%	91%
TS60DP - 48	48V	0 - 1.25A	100 mV tt	+/- 10%	88%

TS137 rev 1.1



TPI Electronics CO.LTD
Bangkok
Thailand

TP Solutions BV
Zevenbergen
The Netherlands

TP Development Co.LTD
Petchabun
Thailand

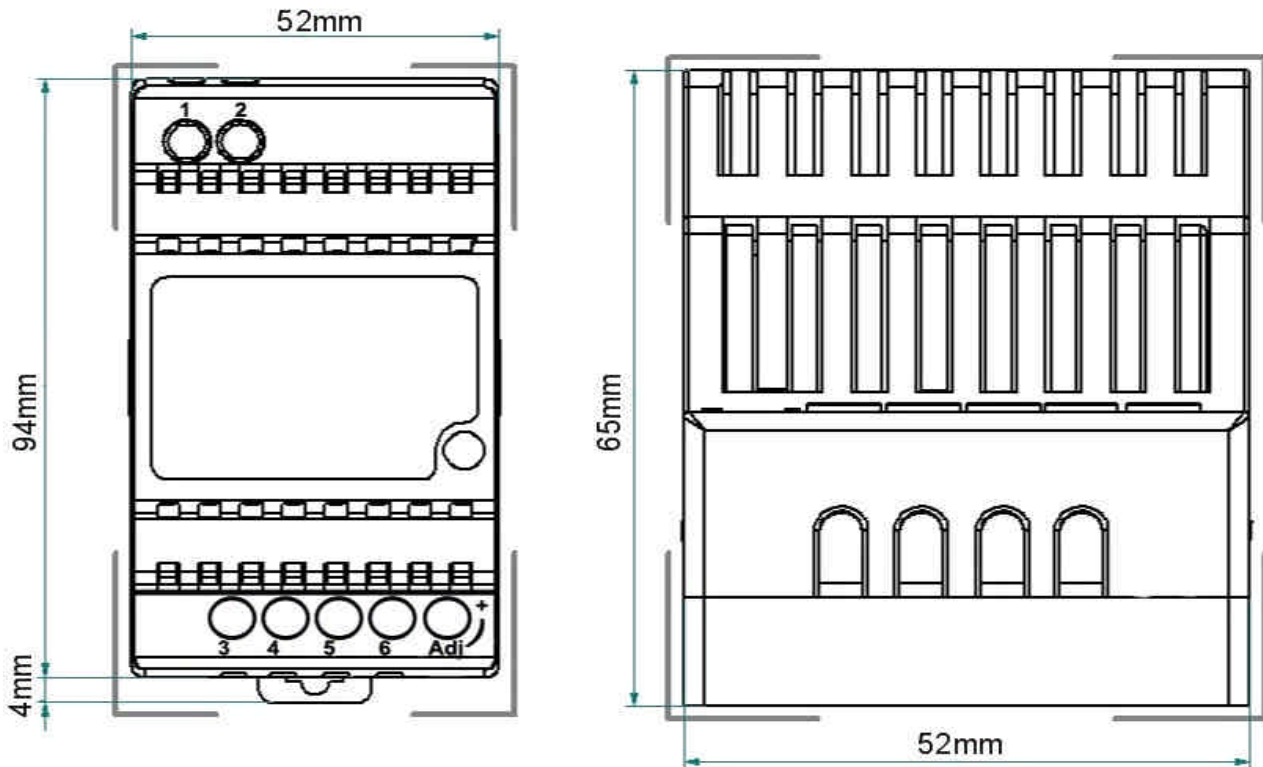
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60W Din Rail Power Supply

Mechanical specifications

	C o n f i g
1	A C line
2	A C neutral
3	- V out
4	+ V out
5	+ V out
6	- V out



Related Standards

- EN / IEC 60950-1
- EN 50081-1
- EN 50082-1
- EN 55022 (CISPR) Class B
- EN 61000-4-4,5,11
- EN 61000-3-2 Class A
- EN 60068-2-6,27,36
- EN 60529-Class IP20

TS137 rev 1.1