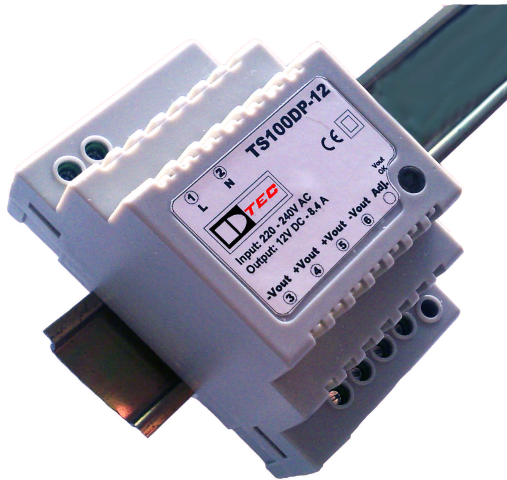


# 100W Din Rail Power Supply\*

**\*Worlds First 3 Slots Width!!**



## FEATURES:

- New Topology (patent pending)
- High Efficiency and Ultra Compact Size (3 slots!)
- Full Output Power Under Free Air Convection
- Latest Energy Star (CEC) Level V Compliant
- Extremely Low No Load Power (<300mW)
- Fully Protected Against Overload Conditions
- Class II (no safety ground)
- Environmental Friendly Design  
(92,1% effectively recoverable as per WEE reg.)
- CE Marked



## Specifications:

<b>Input</b>	<b>AC Voltage Range</b>	195 - 264 V
	<b>DC Voltage Range</b>	250 - 370 V
	<b>Input Current</b>	Typ. 0.8A RMS at 230V AC
	<b>Inrush Current</b>	30A Max at VAC, Cold start
	<b>Frequency Range</b>	47 - 63Hz by AC use
	<b>Under Voltage Protection</b>	< 180V AC
<b>Environment</b>	<b>Operating Temperature</b>	-20 + 45°C
	<b>Relative Humidity</b>	20 - 90% RH non condensating
	<b>Storage Temperature</b>	-40 + 85°C
<b>Output</b>	<b>Ripple and Noise</b>	See Table Below
	<b>Load Regulation</b>	1% Max
	<b>Line Regulation</b>	0,1% Max
	<b>Overload Protection</b>	120% Inom typical
	<b>Short Circuit Protection</b>	Permanent / Auto restart
	<b>Hold up Time</b>	20ms at 230 VAC / full load

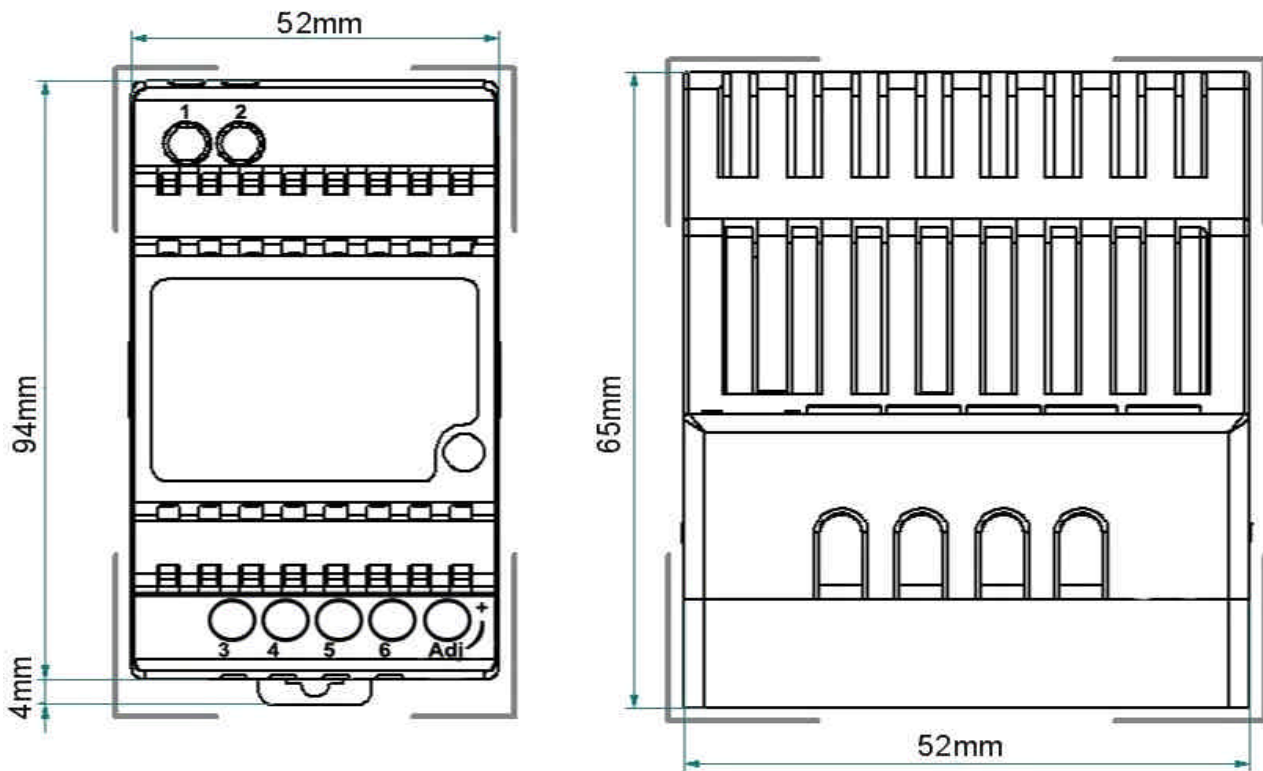
Model	Output Voltage	Output Current	Ripple and Noise	Voltage Adjustment Range	Efficiency typ. 230VAC
TS100DP-12	12V	0 - 8.4A	50 mV tt	+/-10%	90,3%
TS100DP-24	24V	0 - 4.2A	100 mV tt	+/-10%	90,3%
TS100DP-48	48V	0 - 2.1A	100 mV tt	+/-10%	88%

TS133 rev 1.1

# 100W Din Rail Power Supply

## Mechanical specifications

	12V/48V Config	24V
1	AC line	AC line
2	AC neutral	AC neutral
3	- V out	- V out
4	+ V out	NA
5	+ V out	+ V out
6	- V out	NA



## Related Standards

- EN 60950-Class 2
- 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