



### Features

- \* International general communication input range.
- \* It can withstand 300V AC surge for 5 seconds.
- \* Built-in active PFC function.
- \* High efficiency.
- \* Semi-glue and splash-proof design.
- \* Protection type: short circuit/overload/overvoltage/overtemperature.
- \* Natural air cooling.
- \* LED power indicator.
- \* Low cost, high reliability.
- \* 100% full load aging test.

<b>Model</b>		TL-PT205
<b>Output</b>	<b>DC voltage</b>	24V
	<b>Rated current</b>	16.7A
	<b>Current range</b>	0 ~ 16.7A
	<b>Rated power</b>	400.8W
	<b>Ripple and noise(maximum)</b>	150mVp-p
	<b>Voltage adjustment range</b>	21.6-26.4V
	<b>Voltage accuracy</b>	±1.0%
	<b>Line regulation</b>	±0.5%
	<b>Load regulation</b>	±0.5%
	<b>Start-up, rising time</b>	2000ms, 100ms/230VAC; 3000ms, 100ms/115VAC (full load)
	<b>Hold time (Typ.)</b>	10ms/230VAC; 10ms/115VAC(full load)
<b>Input</b>	<b>Voltage range</b>	90 ~ 264VAC 127 ~ 370VDC
	<b>Frequency range</b>	47~63Hz
	<b>Power factor (Typ.)</b>	PF≥0.95/230VAC, PF≥0.98/115VAC
	<b>Efficiency (Typ.)</b>	90%
	<b>AC current (Typ.)</b>	2.5A/230VAC 3A/115VAC
	<b>Surge current (Typ.)</b>	Cold start 45A/115VAC, 90A/230VAC
	<b>Leakage current</b>	<1mA / 240VAC
<b>Protection</b>	<b>Overload</b>	105%~135% of rated output power Protection mode: constant current limit mode, automatic recovery after abnormal load conditions are removed
	<b>Over voltage</b>	27.6-32.4V Protection mode: turn off the output voltage, restart to recover
	<b>Over temperature</b>	Turn off the output voltage, and it can automatically recover after the temperature is lowered
<b>Environment</b>	<b>Working temperature</b>	-30~ +60°C (Please refer to "Deduction Curve")
	<b>Working humidity</b>	20 ~ 90% RH, no condensation
	<b>Storage temperature and humidity</b>	-30~+85°C, 10 ~ 95% RH
	<b>Temperature coefficient</b>	±0.1%/°C (0 ~ 35°C)
	<b>Vibration resistance</b>	10~500Hz, 3G 10 minutes/cycle, 60 minutes/X, Y, Z axis
Safety regulations and electromagnetic compatibility	<b>Safety regulation</b>	UL60950-1, IEC/EN62368-1, CCC GB4943.1-2011, EAC TP TC 004 IS13252(Part1)
	<b>Withstand voltage</b>	I/P-O/P: 3KVAC I/P-FG: 2KVAC O/P-FG: 0.5KVAC
	<b>Insulation impedance</b>	I/P-O/P, I/P-FG, O/P-FG: 100M Ohms / 500VDC / 25°C / 70% RH
	<b>EMC emission</b>	Comply with EN55032 (CISPR32) class A, GB9254 classA, GB17625.1; EN61000-3-2; EN61000-3-3, EAC TP TC 020
	<b>EMC immunity</b>	Comply with EN61000-4-2,3,4,5,6,8,11, Class A light industry standard, EAC TP TC 020
<b>Product size (L×W×H)</b>		220.4×130×48mm
<b>Certification</b>		CE/ROHS