



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.

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