



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-PT204	
Output	DC voltage	12V
	Rated current	30A
	Current range	0~30A
	Rated power	360W
	Ripple and noise(maximum)	150mVp-p
	Voltage adjustment range	10.8-13.2V
	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
Frequency range		47~63Hz
Efficiency (Typ.)		89%
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: constant current limit mode, automatic recovery after abnormal load conditions are removed
	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	±0.05%/°C (0 ~ 50°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	