



Feature

- * AC input inrush current limit;
- * The AC input range is replaced by a switcher;
- * Protection type: short circuit/over load/over voltage/over temperature;
- * Built-in DC fan forced air cooling;
- * High power density: 4.9w/;
- * With remote sensing function;
- * Passed UL certification.

Specification

Model		TL-PT206
Output	DC voltage	24V
	Rated current	25A
	Current range	0 ~ 25A
	Rated power	600W
	Ripple and noise(maximum)	150mVp-p
	Voltage adjustment range	22-26.4V
	Voltage accuracy	±1.0%
	Line regulation	±0.5%
	Load regulation	±0.5%
	Start-up, rising time	1000ms, 50ms/230VAC 1000ms,50ms/115VAC (full load)
Hold time (Typ.)	20ms/230VAC 16ms/115VAC(full load)	
Input	Voltage range	90 ~ 132VAC/180~264VAC (switching) or 254 ~ 370VDC
	Frequency range	47~63Hz
	Efficiency (Typ.)	87%
	AC current (Typ.)	12A/115VAC 7.5A/230VAC
	Surge current (Typ.)	30A/115VAC 60A/230VAC
	Leakage current	<2.0mA / 240VAC
Protection	Overload	105%~125% of rated output power Protected mode: turn off the output, restore after restart
	Over voltage	27.6-32.4V Protection mode: turn off the output voltage, restart to recover
	Over temperature	85°C±5°C(TSW1: Radiator for testing power transistors) Turn off the output voltage, and it can automatically recover after the temperature is normal
Environment	Working temperature	-20~ +60°C (Please refer to "Deduction Curve")
	Working humidity	20 ~ 90% RH, no condensation
	Storage temperature and humidity	-40~+85°C, 10 ~ 95% RH
	Temperature coefficient	±0.05%/°C (0 ~ 50°C)
	Vibration resistance	10~500Hz, 2G 10 minutes/cycle, 60 minutes/X, Y, Z axis
Safety regulation and electromagnetic compatibility	Safety regulation	UL60950-1, UL62368-1, EAC TP TC 004, BSMI CNS14336-1, KC K60950-1 certified
	Withstand voltage	I/P-O/P: 3KVAC I/P-FG: 1.5KVAC O/P-FG: 0.5KVAC
	Insulation impedance	I/P-O/P, I/P-FG, O/P-FG: 100M Ohms / 500VDC / 25°C/ 70% RH
Product size (L×W×H)		247×127×63.5MM
Certification		CE/ROHS