Features

* 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: 7.3w/in.

* DC OK signal output.

* Remote control switch.

* Remote sensing function.

* Passed UL/CUL certification.

Model		TL-PT207
Output	**DC voltage**	24V
	Rated current	41.7A
	Current range	0 ~ 41.7A
	Rated power	1000.8W
	Ripple and noise(maximum)	200mVp-p
	Voltage adjustment range	22-27.5V
	Voltage accuracy	±1.0%
	Line regulation	±0.5%
	Load regulation	±0.5%
	Start-up, rising time	1500ms, 50ms/230VAC 1500ms,50ms/115VAC (full load)
	Hold time (Typ.)	20ms/230VAC 16ms/115VAC(full load)
Input	**Voltage range**	90 ~ 132VAC/180~264VAC (selectable through TB2) or 254 ~ 370VDC
	Frequency range	47~63Hz
	Efficiency (Typ.)	88%
	AC current (Typ.)	17.5A/115VAC 10A/230VAC
	Surge current (Typ.)	35A/115VAC 55A/230VAC
	Leakage current	<2.5mA / 240VAC
Protection	**Overload**	105%~125% of rated output power Protected mode: turn off the output, restore after restart
	Over voltage	28-32.4V Protection mode: turn off the output voltage, restart to recover
	Over temperature	70°C±5°C(TSW1: Radiator for testing power transistors) Protection mode:Turn off the output voltage, and it can automatically recover after the temperature is normal
Function	**DC OK signal**	PSU on: 3.3V ~ 5.6V PSU off: 0 ~ 1V
	remote control	RC+/RC-: 0 ~ 0.8V start; 4 ~ 10V shutdown
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 regulations and electromagnetic compatibility	**Safety regulation**	UL62368-1, BSMI CNS14336-1, EAC TP TC 004 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)		278×127×63.5MM
Certification		CE/ROHS