



Product Name: 200W POWER SUPPLY
Product Model: TPSF-200-4-A
Product Information: ATX compatible power supply
with stand by mode, large hold
up time and power fail signal
with extended warning time.

Detail: [Download PDF File](#)

Input Voltage: 90 to 135 Vac or 190 to 264 Vac selectable, 50 to 60 Hz

Input Fuse: AC 250V / 4.0AT for Line and Neutral

Line Regulation: Maximum 0.1% full input range for all DC outputs

Load Regulation: Maximum 0.1% on 5V, 3.3V and 12V outputs, at load
changed from minimum load to maximum load

Cross Regulation: Individual regulation control for all outputs

Output Voltage: 5V/ 3.3V/ 12V/ -12V

Load Current: 1A/ 0A/ 0.5A/ 0A (Minimum)
15A/ 15A/ 8A/ 1.0A (Nominal)
40A/ 30A/ 10A/ 1.0A (Maximum)

Ripple and Noise: Typical 50 mVp-p for 5V and 3.3V outputs
Typical 100 mVp-p for $\pm 12V$ outputs

**Over Voltage
Protection:** 6.2V $\pm 0.4V$ on 5V output

**Over Current
Protection:** Short circuit protection on 5V and 3.3V outputs
Typical 12A over current protection on 12V output
-12V output protected by mean of 3T regulator

**Operating Temp.
Range:** +5°C to +40°C

Storage Temp. Range: -40°C to +70°C

**Temperature
Coefficient:** T.B.D.

Efficiency: Typical 70% at full load

Output Power: Typical 210W
Maximum 265W
The peak power may not exceed 265W

Hold-up Time: 16ms at minimum input and full load

Transient Response: N/A

Isolation: Input - F.G.
2500 Vac for 1 minute

Safety: UL and CSA

Dimensions: 140mm X 150mm X 85mm