

Power Supply

TFX 12V 2.01 Version PD Series-75/180/230



Features

- 5 outputs (-12V, +5V, +3.3V, +12V, 5VSB)
- Low acoustic noise
- High reliability
- Remote On / Off
- Thermal fan speed control (Optional)
- Active PFC function (Optional)
- Auto switch (Optional)

Environment

Operation Temp.	10°C ~ 50°C
Storage Temp.	-20°C ~ +60°C
Storage altitude	sea level to 50000ft
Operating & Storage humidity	10% ~ 95%RH
Operating altitude	sea level to 10000ft

Specification

Efficiency	> 65% (max. load)
Hold Time	> 17ms (max. load)
Rise Time	< 20ms (max. load)
Short Protection	All outputs
Oversvoltage Protection	+5V, +12V, +3.3V

Input

Voltage Range	90 ~ 135 / 180 ~ 264VAC (slide switch)
Frequency Range	47 ~ 63 Hz

Mechanical

Dimension : 82(W) x 64(H) x 140(D) mm

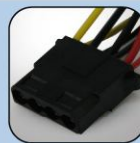
Cables



20+4 Pin



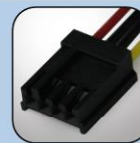
P4 Connector (CPU)



4 Pin Connector (IDE)



SATA Connector



4 Pin Connector (Floppy)

75W-230W	x1	x1	x2	x2	-
-----------------	----	----	----	----	---

Model		75	180	230
AC	115V 60Hz	2A	4A	6A
Input	230V 50Hz	1A	2A	3A
	+5V	9A	14A	15A
	+3.3V	3A	13A	14A
DC	+12V	3A	10A	15A
Output	-12V	0.3A	0.3A	0.3A
	+5Vsb	2A	2A	2A
+3.3V & 5V MAX		40W	80W	85W
Max Power		75W	180W	230W

- Regulation tolerance shall include temperature change, warm up drift and dynamic load.
- Ripple and noise are measured differentially at the supply using load that are each shunted by at least a 0.1uf ceramic disc capacitor and a 10uf electrolytic capacitor bandwidth up to 20 MHz.