

FEATURES

- **80 Plus Bronze Certification** - The FX Pro range are 80 Plus Bronze certified achieving an efficiency of up to 88% at a load of 50%.
- **Japanese TK Main Capacitor** - The FX Pro Range delivers a reliable life expectancy and quality assurance.
- **Power** - The FX Pro range offers some real power, the 12V output can be rated over 90% of the total level, ensuring a smooth operation. The 80 Plus 230V EU Bronze efficiency enables the PSUs full potential.
- **Structure** - The structure of a power supply decides the main performance such as the efficiency and temperature but with a double forward and active PFC, the FX Pro range ensures a supreme performance.
- **Full Range Voltage Power Off Protection** - protect your PSU & MB effectively.

PC Power Supplies

RS Stock No.: 208-3900



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

The FX Pro range are a non-modular power supply that we offer in four power configurations, 400W, 600W, 700W and 800W all are 80 Plus Bronze certified. They are for use in desktop computers to power your system. The 800W are most suited for mid-to-high-level PCs, where there are more and/or higher-demand components to Power.

Not only is this power supply impressive in performance but the components used in this power supply are components normally used by top tier brands. This Power supply is perfect for enthusiastic gamers who are pursuing the ultimate gaming experience. Realise a more powerful performance.

General Specifications

Input Voltage	200-240V
Output Voltage	+3.3V / +5V / +12V / -12V / +5VSB
Output Current	+3.3V/18A,+5V/20A, +12V/66A,-12V/0.3A,+5VSB/2.5A
Output Wattage	800W
Number of Outputs	5
Efficiency	85%
Energy Efficiency Level	N/A
Mounting Type	N/A
MTBF	100K hours min
Switching Frequency	100KHz
Power Indicator	0-1 Button
Cable Length	515mm-980mm
Medical Approved	N/A

Electrical Specifications

Input Specification	
Input Frequency	47-63HZ
Maximum Input Current	11A /115V ac, 5.5A/230V ac
Inrush Current	150A / 230V ac
Leakage Current (max.)	3.5mA / 250V ac
Input Protection	12.5A

Output Specification		
Ripple & Noise (max.)	+5V/50mv,+3.3/50mv,+12v/120mv,-12v/120mv,+5vsb/50mv	
Power Signal Conversion Type	AC-DC	
Voltage Tolerance	±10.0%	
Line Regulation	+5V/+3.3V/+12V/+5VSB:±5% -12V: ±10%	
Load Regulation	±5%	
No Load Power Consumption	<0.5W	
Setup, Rise Time	0.1-20ms	
Holdup Time	75% load 10ms	
Overload Protection	110%-160%	
Over Voltage Protection	+12v/13.4-17v,+5v/5.74-7.5v,+3.3v/3.76-4.8v	
Over Temperature Protection	No	
Short Circuit Protection	Yes	
Voltage Isolation	+3.3V – 18A	-12V – 0.3A
	+5V – 20A	+5VSB - 2.5A
	+12V1 - 66A	

Mechanical Specifications

Housing Material	Fully Enclosed Plastic Case
Overall Dimensions	150mm x 85mm x 160mm
Length	150mm
Depth	85mm
Width	160mm
Weight	1.78KG

Operation Environment Specifications

Operating Humidity	20% to 85% non-condensing
Cooling	Forced air cooling 14cm Cooling Fan
Operating Temperature Range	0 to 30°C
Storage Temperature Range	-10 to 50°C
Temperature Coefficient	
Altitude During Operation	
Pollution Degree	
Vibration Resistance	
Shock Resistance	

Approvals

Declarations	MFR Declaration of Conformity
Safety Standard	Compliance to EN60950
EMC Emission	Compliance to EN55024, EN55032, EN61000-3-2, EN61000-3-3