P1-520F-XTSX

XFX XTS Series exclusive SolidLinkTM Technology replaces wires - which cause wattage loss - with direct pin connections. The result is a extremely efficient high-power PSU. Also, with EasyRailTM Technology, you get one single rail for maximum power and easy set-up.

KEY FEATURES

- Fanless Silent PSU
- 80Plus Platinum Certified
- EasyRail Plus Technology

XFX XTS Series exclusive SolidLink Technology replaces wires - which cause wattage loss - with direct pin connections. The result is a extremely efficient high-power PSU. Also, with EasyRail Technology, you get one single rail for maximum power and easy set-up.

The Wattage you see isn't always the wattage you get.

Some brands tweak tests to get great wattage ratings, but in reality, they deliver much lower max wattages. Don't be fooled by wattage tricks. Below are examples of how we guarantee our wattage.

Continuous Power

Wattage and heat go hand-in-hand. Other PSUs claim a certain wattage by using unrealistic testing environments like 25°C, but in real settings, they might reach much lower wattages. XFX PSUs guarantee the advertised wattage, even at well above standard operating conditions at 50°C.

Clean Power

Power drawn from your AC outlet is typically dirty with voltage spikes and fluctuations, which can harm vital PC components. XFX PSUs are designed to deliver tight DC voltage regulation with minimal AC ripple, giving you safer, cleaner power.

Efficient Power Use

80 Plus Platinum certified means that this XFX PSU has a power efficiency of up to 92%. Compare that to non-certified PSUs, which lose at least 20% of power drawn. With the XFX PSU, get every watt you pay for.

Extreme Heat Tested Capacitors

Internal PC operating temperature is around 35°C but the internal PSU temperature can be much higher. XFX uses all high-quality Japanese brand capacitors rated to withstand up to 105°C. While some competitors claim to use Japanese capacitors, they may only be rated for 85°C, which can shorten the usable life of a PSU.

Automatic Protection Sensors

All XFX PSUs come with automatic output protection systems to protect you and your computer. This includes Total Power Protection (OPP), Over Voltage Protection (OVP), Over Current Protection (OCP) and Short Circuit Protection (SCP)

- Compatible with Intel Core i3, i5, i7 and AMD Phenom, FX
- DC to DC Converter Design
- Conductive Polymer Aluminum Solid Electrolytic Capacitors
- Active Power Factor Correction [99% PF Typical]

- High +12V Output
- Ultra Ventilation [Grid Structure]
- Multi-GPU Technologies Supported
- All-in-One DC Cabling Design
- Universal AC Input [Full Range]
- 5 Year Limited Warranty

GENERAL

ATX12V 2.2 & ESP12V 2.91 Compliant : Yes
Maximum Wattage (W) : 520
Modular Cables : Yes
Performance Category : Black
UPC: 778656066182

TECHNOLOGIES

CrossFire Ready : Yes
SLI Ready : Yes

RATINGS & EFFICIENCIES

AC Input Current (Arms) : 7-4 (Maximum)
AC Input Frequency (Hz) : 50-60
AC Input Voltage (Vac) : 100-240
Active Power Factor Correction (PFC) : Yes

OTHER FEATURES

DC to DC Converters (+3.3 & +5V) : Yes
EZ Grip Connectors : Yes
Gold Plated Connectors : No
High Reliable 105°C Japanese Capacitors : Yes
Solid State Capacitors : Yes
Tight voltage regulation (±5%) : Yes

LOAD RANGE

Max -12V Output Current (A) : 0.5A
Max -12V Power (W) : 6
Max +12V1 Output Current (A) : 43
Max +12V1 Power (W) : 516
Max +3.3V & +5V Combined Power (W) : 100
Max +3.3V Output Current (A) : 20
Max +5V Output Current (A) : 20
Max +5VSB Output Current (A) : 2.5
Max +5VSB Power (W) : 12.5
Min -12V Output Current (A) : 0.5
Wattage(W) : 520

CABLE CONNECTORS

Modular 6+2-pin PCI-E : 4
Modular ATX12V / EPS12V : One 4+4-pin, One EPS 12V 8-pin
Modular FDD : 1 Connector
Modular Motherboard Connector : 20+4-pin
Modular Peripheral : Up to 6 Connectors
Modular SATA : Up to 8 Connectors

SAFETY & PROTECTION

Over Current Protection (OCP) : Yes
Over Power Protection (OPP) : Yes
Over Tempurature Protection (OTP) : Yes
Over Voltage Protection (OVP) : Yes
Short Circuit Protection (SCP) : Yes
Under Voltage Protection (UVP) : Yes

PHYSICAL

Master Carton Dimensions (cm) : 43.0 x 29.5 x 34.0
Master Carton Dimensions (inch) : 16.93 x 11.60 x 13.39