



Product Setup Sheet

Date Issued

Nov 7 2012

Manufacturer
Model Number

XFX
P1-450S-XXB9
XFX PRO450W Core Edition Full Wired
80+Bronze PSU
778656054004

Product Name

UPC Number

Specifications

+12V Rail Outputs
AC Input Current (Arms)
AC Input Frequency (Hz)
AC Input Voltage (Vac)
Intake Fan: Airflow (CFM/min)
Intake Fan: Diameter (mm)
Intake Fan: Speed
Maximum Operating Temperature (°C)

Single
7-3.5 (Maximum)
47-63
90-264
No
120 x 120 x 25 mm
N/A
50

Load Range

Max +12V1 Output Current (A)
Max +12V1 Power (W)
Max +3.3V Output Current (A)
Max +3.3V Power (W)
Max +5V Output Current (A)
Max +5V Power (W)
Max +5VSB Output Current (A)
Max +5VSB Power (W)
Max -12V Output Current (A)
Max -12V Power (W)

34
N/A
20
N/A
20
N/A
2.5
N/A
0.5
N/A

General

ATX12V 2.31 Compliant
DC Output Voltage Regulation
Efficiency @ Typical Load
Energy-Efficiency
Maximum Wattage (W)
Wattage(W)

Yes
N/A
up to 85%
80 Plus Bronze certified
450
450W

Features

Active Power Factor Correction (PFC)
Cooling Fan Size (mm)
CrossFire Ready
DC to DC Converters (+3.3 & +5V)
Dual Magnetic Amplifier Circuit (+3.3 & +5V)
EZ Grip Connectors
Fully Sleeved Cables
Gold Plated Connectors
High Quality Schottky Diodes
High Reliable 105°C Japanese Capacitors
Over Current Protection (OCP)
Over Power Protection (OPP)
Over Voltage Protection (OVP)
Short Circuit Protection (SCP)
SLI Ready
Solid State Capacitors

Yes
120
Yes
No
No
No
No
No
No
No
Yes
Yes
Yes
Yes
Yes
Yes

Temperature rating of capacitors (°C)
Under Voltage Protection (UVP)

up to 85°C.
Yes

Connectors

Fixed FDD	1
Fixed Peripheral	3
Fixed 6+2-pin PCI-E	1
Fixed 6-pin PCI-E	0
Fixed ATX12V / EPS12V	4+4 pin
Fixed Motherboard Connector	20+4 Pin
Fixed SATA	6
Modular 6+2-pin PCI-E	0
Modular 6-pin PCI-E	0
Modular ATX12V / EPS12V	0
Modular Cables	No
Modular FDD	0
Modular Motherboard Connector	0
Modular Peripheral	3
Modular SATA	0

Certifications

BSMI	N/A
CB	Yes
CCC	N/A
C-tick	Yes
CUL	Yes
FCC Class B	Yes
TUV	Yes
UL	Yes

Estimated Dimensions And Weights

Master Carton Dimensions (cm)	30.7 x 43.1 x 33.1
Master Carton Dimensions (inch)	12.09 x 16.97 x 13.03
Master Carton Weight (Kg)	17.58
Master Carton Weight (lb)	38.76
Package Dimensions (cm)	26.7 x 20.9 x 13.3
Package Dimensions (inch)	10.5 x 8.23 x 5.23
Package Weight (Kg)	2.68
Package Weight (lb)	5.91
PSU Dimension (cm)	17.0 x 15.0 x 8.6
PSU Dimension (inch)	6.7 x 5.9 x 3.4

Units per Carton **6**

