



Product Setup Sheet

Date Issued	Nov 7 2012
Manufacturer	XFX
Model Number	P1-450S-X2B9
Product Name	XFX 450 Watt Core Edition Single Rail Power Supply with Full Wired Cables
UPC Number	778656055889

Specifications

+12V Rail Outputs	Single
AC Input Current (Arms)	7-3.5 (Maximum)
AC Input Frequency (Hz)	47-63
AC Input Voltage (Vac)	90-264
Intake Fan: Airflow (CFM/min)	No
Intake Fan: Diameter (mm)	120 x 120 x 25 mm
Intake Fan: Speed	N/A
Maximum Operating Temperature (°C)	50

Load Range

Max +12V1 Output Current (A)	34
Max +12V1 Power (W)	N/A
Max +3.3V Output Current (A)	20
Max +3.3V Power (W)	N/A
Max +5V Output Current (A)	20
Max +5V Power (W)	N/A
Max +5VSB Output Current (A)	2.5
Max +5VSB Power (W)	N/A
Max -12V Output Current (A)	0.5
Max -12V Power (W)	N/A

General

ATX12V 2.31 Compliant	Yes
DC Output Voltage Regulation	N/A
Efficiency @ Typical Load	up to 85%
Energy-Efficiency	80 Plus Bronze certified
Maximum Wattage (W)	450
Wattage(W)	450W

Features

Active Power Factor Correction (PFC)	Yes
Cooling Fan Size (mm)	120
CrossFire Ready	Yes
DC to DC Converters (+3.3 & +5V)	No
Dual Magnetic Amplifier Circuit (+3.3 & +5V)	No
EZ Grip Connectors	No
Fully Sleeved Cables	No
Gold Plated Connectors	No
High Quality Schottky Diodes	No
High Reliable 105°C Japanese Capacitors	No
Over Current Protection (OCP)	No
Over Power Protection (OPP)	Yes
Over Voltage Protection (OVP)	Yes
Short Circuit Protection (SCP)	Yes
SLI Ready	Yes
Solid State Capacitors	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	0
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

Package Contents

AC Power Cord	1
User Manual	1

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)	14 x 15 x 8.6
PSU Dimension (inch)	5.57 x 5.91 x 3.39

Units per Carton	6
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