

Chassis

- Full Tower
- Mid Tower
- Desktop
- Mini Case
- BTX
- Misc.

Power Supply

- Toughpower
- PurePower
- TR2 Power
- Misc.

Liquid Cooling System

- DIY L.C.S
- All-in-One L.C.S
- Upgrade

Cooler

- Retail Cooler
- TMG Cooler
- TR2 Value Cooler
- Chipset/Memory/VGA
- H.D. Cooling
- Combo Cooling
- Notebook Cooling

DC Fan

- LED Fan
- VR Control
- Combo
- Standard
- UV
- Mobile
- Slot Fan

Storage

- 2.5" Solutions
- 3.5" Solutions
- 5.25" Solutions
- LAN / RAID
- Accessories

Accessory

- Keyboard/Mouse Pad
- Drive Bay
- Grease
- Case Mods

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Dual Power 520W W0107/W0108



- Overview
- Features
- Specifications
- Award & Review
- Download
- FAQ
- E-mail to friend

Angle View



[Enlarged View](#)

Front View



[Enlarged View](#)

Side View



[Enlarged View](#)

Back View



[Enlarged View](#)



ATX 12V 2.0



PCI Express X 1



S-ATA X 4



AMD/Intel

Features

- Complies with ATX 12V 2.0 version.
- Supports PCI-Express, 4 S-ATA, and 24-pin detachable main power connector.
- Special design external aluminum housing and internal heat-sink for maximum heat dissipation.
- Dual power output: 380W without fan, 520W with 8cm cooling fan.
- Active Power Factor Correction (PF>0.99) and high efficiency (80%).
- Fanless design for ultra silent computing. Three selectable fan switch for quiet computing under higher loads: 40°C, 45°C, or 55°C.
- Gold-plated connector for better conductivity.
- Protections: Over Current, Over Voltage, Short-Circuit, Under Voltage, Overload, and Over-temperature.
- Safety / EMI Approvals: CE, CB, TUV, FCC, UL, and CUL certification.

Total Output Connector :



24-pin Main
Connector X 1



4-pin +12V Power
Connector X1



8-pin +12V Power
Connector X 1



4-pin Peripheral Power
Connector X 7



4-pin Floppy Drive
Connector X 2



5-pin S-ATA
Connector X 4



6-pin PCI Express
Connector X 1

Technology Features :



Dual +12V Rails and High Quality Components



Aluminum Housing for
Maximum Heat Dissipation



Four S-ATA Connectors



Silent 80mm Fan with 3-position fan switch for
Different Temperature

Cable Application:



Intelligent Cable Management:

- » All cables with black cable sleeving
- » Optimum air-flow in the chassis

Performance:

		OUTPUT					
Watt	Voltage	+3.3V	+5V	+12V ₁	+12V ₂	-12V	+5VSB
520W	Max. Load	30A	30A	17A	18A	0.5A	2.0A
520W	Min. Load	0.3A	0.3A	0.3A	0.3A	0A	0A
380W	Max. Load	28A	30A	16A	18A	0.5A	2.0A
Load Regulation		+5,-5%	+5,-5%	+5,-5%	+5,-5%	+5%,-8%	+5%,-4%
Ripple & Noise		50 mV	50 mV	120 mV	120 mV	120 mV	50 mV

Top View



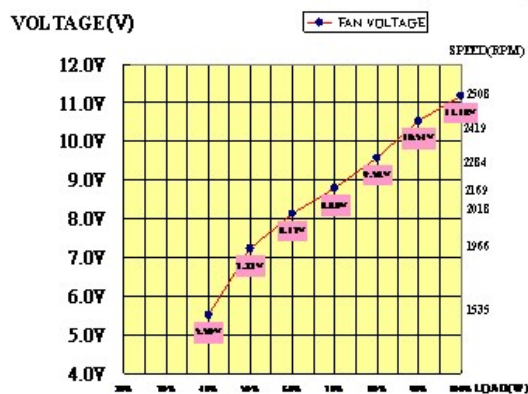
 Enlarged View

SPOTLIGHTS

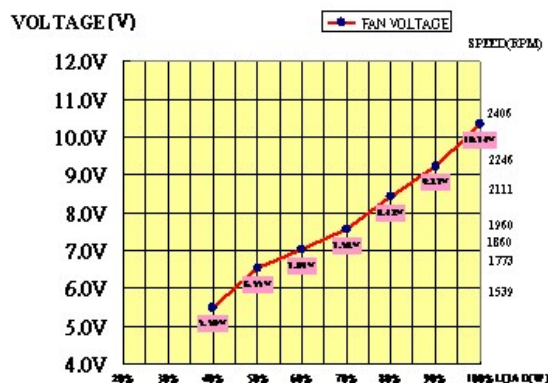


 Enlarged View

FAN VOLTAGE VS LOAD(W0107)



FAN VOLTAGE VS LOAD(W0108)



Specifications

P/N	W0107	W0108
Maximum Power	520 Watts (with Fan) 380 Watts (without Fan)	
Color	Black	
Switches	ATX Logic on-off additional power rocker switch	
PFC (Power Factor Correction)	Active PFC	N/A
Cooling System	8 cm Fan SPEED: 2500(±10%) RPM DIMENSION: 80 X 80 X 15 mm AIR FLOW: 26.01 CFM	
Noise	19dB at 2000 RPM	
P. G. Signal	100-500 ms	
Over Voltage Protection Recycle AC to Reset	+5V 5.7Vmin / 6.2 Vmax +3.3V 3.7Vmin / 4.1Vmax +12V1&+12V2 13.3Vmin / 14.3Vmax	

DIMENSIONS

Unit Size	16cm(L)x14.8cm(W)x8.5cm(H)	
Net Weight	2.9 kg	2.85 kg

INPUT

Input Voltage	207-253V	90-135V/180-264V
Input Frequency Range	47 ~ 63 Hz	
Input Current	5A/230V	9A/115V, 5A/230V
Hold-up Time	20ms	
Efficiency	80%(min.)	

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