

Chill CP-520M 520W Modular Power Supply

True Power - No Noise

Modular design

This innovative hi-end 'modular' Power Supply is equipped with removable cables. No more excessive cables taking up space and blocking airflow. The modularity also offers better flexibility for upgrades and future cable requirements.

True Virtual Silent Operation

This hi-end Power Supply offers unique noise characteristics for demanding silence enthusiasts. The unique and advanced, S.M.A.R.T. temperature controlled 135mm fan, management system will even reduce case temperature, improve system airflow and ensure the Power Supply will always remain virtually silent. Even during high load, where most other "silent" brands tend to fail.

Real Power Output

With real 520W output rated at 50°C, this ATX 2.3 / EPS12V based Power Supply is capable of running hi-end Duo/Quad Core based systems. It features two separated 12V rails for maximum stability as well as ultra tight voltage regulation for extreme overclocking. It is made for the latest PCI-Express V2.0 (6+2-pin) standard offering full Nvidia SLI & ATI CrossFire Dual VGA card compliance.



Full Protection

An advanced protection circuit will constantly monitor the Power Supply and PC components. If any fault is detected related to power distribution, the unit will automatically shut down to prevent further damage to the system. It even offers enhanced protection against external voltage spikes and lightning, compared to conventional Power Supplies.

RPM Monitor

This feature will let you monitor the actual speed of the built-in fan, if your motherboard supports it. The RPM will give a perfect clue on system load and heat being generated inside the PC.

Environment Friendly

This unit even exceeds the RoHS requirements (Restriction of Hazardous Substances). It limits the use of Lead and other substances damaging to the environment. Together with the +85% efficiency design and low standby consumption (~1W) this not only saves the environment but also your electrical bill.

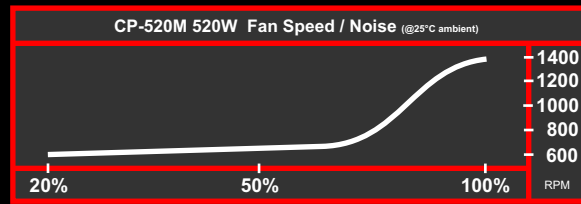
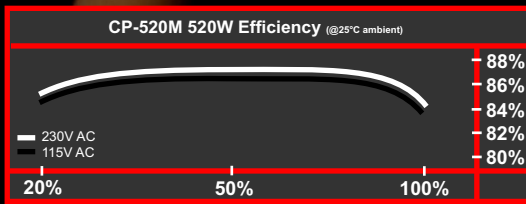
| CP-520M 520W SPECIFICATIONS | | | | | | |
|--|---------------------------|-----|-------|-------|------|-------|
| AC INPUT | 100-240V~, 47-63Hz, 4-10A | | | | | |
| DC OUTPUT | +3.3V | +5V | +12V1 | +12V2 | -12V | +5VSB |
| | 25A | 20A | 25A | 25A | 0.8A | 2.5A |
| HIGH EFFICIENCY ATX12V SILENT POWER SUPPLY | 150W | | 480W | | 9.6W | 12.5W |
| | MAX 520W | | | | | |



| | |
|--------------------------|----------------------------------|
| Form Factor: | ATX 2.3 / EPS 2.92 |
| Power Factor Correction: | Active PFC (PF >0.9) |
| Cooling System: | 135mm temperature controlled fan |
| Efficiency: | >85% Nominal |
| Standby Consumption: | ~1W |
| MTBF: | +100.000 hours minimum at 25°C |
| Operating Temperature: | 10°C to 50°C |
| Operating Humidity: | 20% to 70% non-condensing |
| Protection: | OVP, OLP, OCP, SCP, Surge |
| Approvals: | EMC/CE, FCC, CB, UL, TÜV, RoHS |
| Dimensions: | 150 x 160 x 86 mm (D x L x H) |



-  **1x Detachable 20/24-pin Main-ATX**
(Extra long - 55 cm)
-  **1x Detachable 4/8-pin ATX12V / EPS12V**
(Extra long - 55 cm)
-  **2x Detachable 6+2-pin PCI-EXPRESS 2.0**
(Modular / Removable)
-  **6x S-ATA HDD/DVD**
(Modular / Removable)
-  **5x 4-pin MOLEX Peripheral**
(Modular / Removable)
-  **1x Floppy**
(Modular / Removable)
-  **1x RPM Monitor**



- +85% EFFICIENCY**
- ~1W STANDBY**
- LONG-LIFE 105°C HI-END CAPACITORS**
- ACTIVE PFC**
- RoHS**
- FULL CABLE SLEEVING**
- ACTIVE PFC**
- 135MM S.M.A.R.T. FAN**

Scandinavian Design and Development

Chill
INNOVATION

www.chill-innovation.com