

Chill CP-450F 450W ATX2.3 Power Supply

True Power - No Noise

Modern Technology

This hi-end Power Supply offers superior performance, industry leading silence and high-grade components. It is Energy Star V5.0 compliant and recommended by the Savingstrust »Elsparefondene« for its ECO friendly design capable of exceeding +85% operating efficiency.

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 120mm 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 450W output rated at 50°C, this ATX 2.3 / EPS12V based Power Supply is capable of running heavy Duo/Quad Core based systems. It features two separated 12V rails for maximum stability as well as ultra tight voltage regulation for overclocking. with PCI-Express V2.0 (6+2-pin) compliance it even supports heavy modern VGA cards.



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 most conventional Power Supplies.

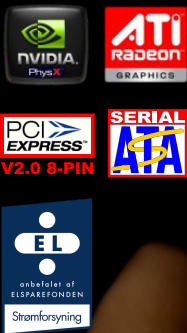
RPM Monitor

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.

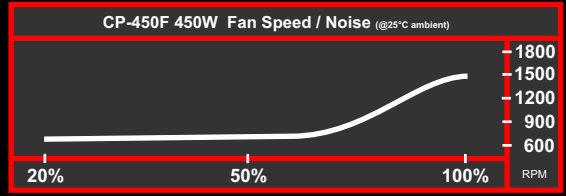
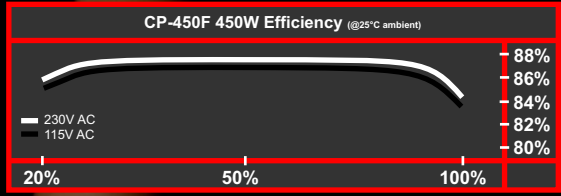
Environment Friendly

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-450F 450W SPECIFICATIONS						
AC INPUT	100-240V~, 47-63Hz, 6.0/3.0A					
DC OUTPUT	+3.3V	+5V	+12V1	+12V2	-12V	+5VSB
	24A	15A	17A	16A	0.3A	3.0A
HIGH EFFICIENCY ATX12V SILENT POWER SUPPLY	120W		396W		3.6W	15W
	MAX 450W					



Form Factor: ATX 2.3 / EPS 2.92
 Power Factor Correction: Active PFC (PF >0.9)
 Cooling System: 120mm 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/UVF, OLP, OCP, SCP, Surge
 Approvals: EMC/CE, FCC, CB, UL, TÜV, RoHS
 Dimensions: 150 x 140 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)
- 1x 6+2-pin PCI-EXPRESS 2.0
- 1x 6-pin PCI-EXPRESS 1.0
- 5x S-ATA HDD/DVD
- 5x 4-pin MOLEX Peripheral
- 1x Floppy
- 1x RPM Monitor

+85%
EFFICIENCY

~1W
STANDBY

LONG-LIFE
105°C HI-END CAPACITORS

ACTIVE PFC

RoHS
RESTRICTION OF HAZARDOUS SUBSTANCES

FULL
CABLE SLEEVING

ACTIVE PFC

120MM
S.M.A.R.T. FAN



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Scandinavian Design and Development