MODECOM
MC-B88-500-FC

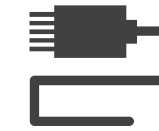**500W**   **BRONZE efficiency certificate**   **High power efficiency**

BRONZE

BRONZE efficiency certificate

POWER

500 Watt.

FIXED CABLES

The „FC" designation included in the model name is an abbreviation of "fixed cables", which means it is a variant with all cable bundles permanently attached to the power supply.

DESIGN

Elegant, black design

HIGH QUALITY

The use of high-quality materials during production ensures durability.

HIGH EFFICIENCY

High efficiency - more than 85% at 50% load, more than 82% at 20% load and 100% load.

PROTECTION

A number of protections against short circuits and overloads.

FOR GAMERS

The power supply is a good choice in gaming configurations.

FAN

120 mm cooling fan ensures stable operation of the PC components.

DESIGN

Compact size of the power supply and elegant design.

POWER 500 W

The 500 Watt PSU is the optimal power for most computer configurations.

STABLE POWER

Strong 12V line and stable power supply.

FAN

120 mm – silent cooling fan.

COMPONENTS

High-quality transistors and capacitors,
including capacitors manufactured in Japan.

CERTYFICATE 80 PLUS BRONZE

High power efficiency.

KEY FEATURES

- Compatible with Intel® ATX 12V 2.31 specification.

- 80 PLUS Bronze (230V EU) Certificate.

- DC-DC Converter.

- Long-life Japanese capacitors rated at 105C.

- Stand-by power consumption below 0.5 W.

- 2 x PCIE(6+2 Pin) connectors.

- Strong 12V line (max 492W (for 500W version) or 588W (for 600W version).

- Smart fan control to balance the temperature and noise level.

- Elegant, black design.

500 W

The optimal power of the power supply will power most personal computer configurations.

HIGH POWER EFFICIENCY

The DC-DC converter ensures stable voltage values regardless of the load of individual lines, and the capacitors of the Japanese company designed to operate at temperatures up to 105C guarantee a long life of PSU.

CERTYFICATE 80 PLUS

The power supply is 80 PLUS BRONZE certified. This means high energy efficiency.

BRONZE

80 PLUS BRONZE CERTIFICATE - standardization stating that the power supply has at least 85% efficiency at 50% load, and at least 82% efficiency at 20% and 100% load.

MC-B88-500-FC

FOR ANY COMPUTER

MODECOM B88-500-FC is an efficient power supply that will be perfect for various configurations. It allows you to build a computer for work, study and gaming. The amount of power of the PSU - 500 Watt - will be sufficient for almost any configurations. People who build a gaming computer on high-performance components will successfully use the power of the power supply in most new games.

The power supply uses a number of protections to secure often expensive components, and at the same time a strong 12V line allows you to build an efficient and universal computer.

DESIGN

The power supply is one of the most important components in a computer. Not only does it have to provide a stable supply of power, but at the same time protect the components against voltage surges. In addition, it should have sufficient power to ensure stable operation of the graphic card and processor.

MODECOM B88-500-FC is designed to ensure safe and stable operation of computers for the office and for gaming.

The elegant, black color of the power supply and minimalist design is its advantage.
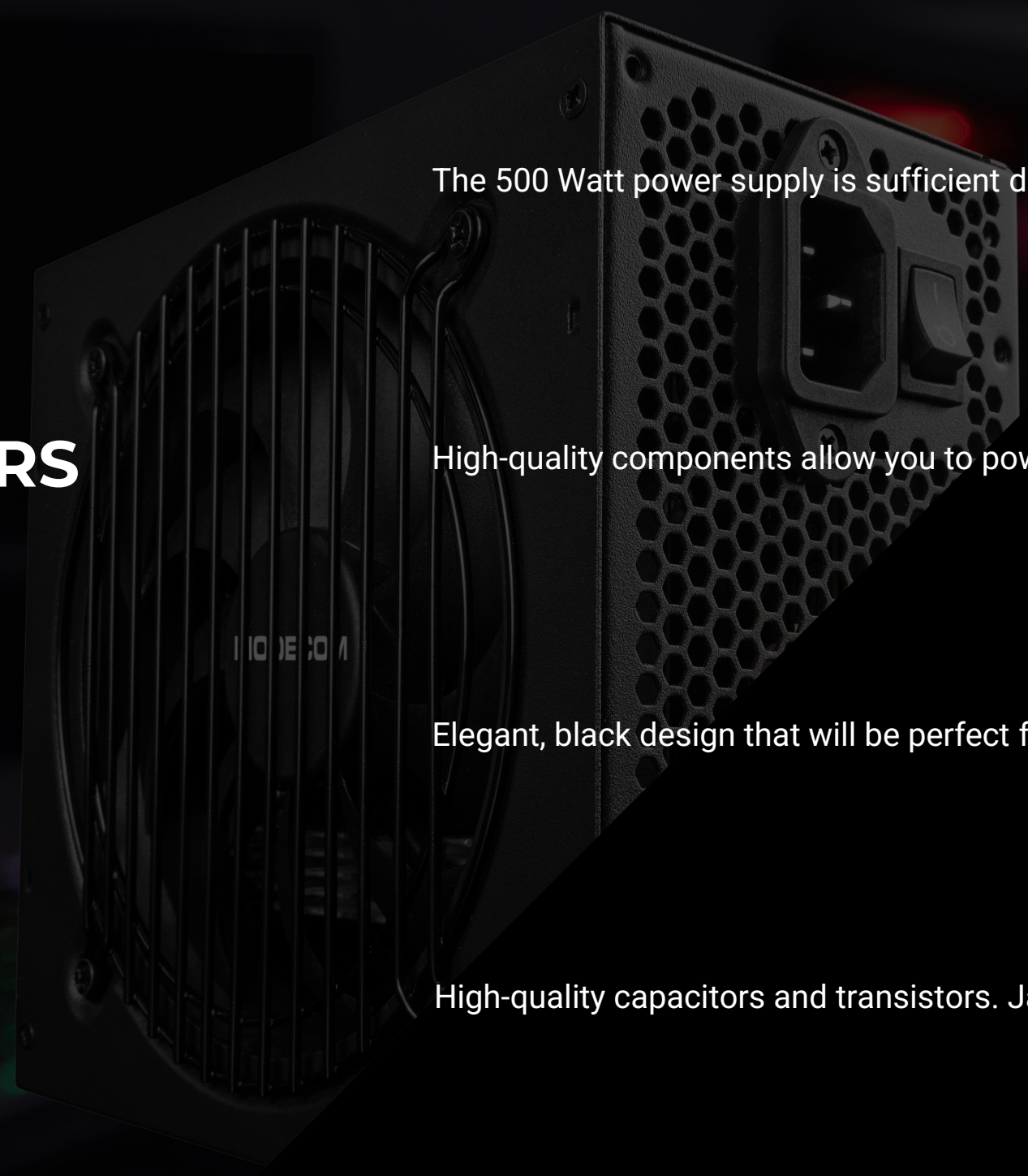
Meet PSU

MODECOM MC-B88-500-FC

Choose the power supply that will be perfect for work, study and gaming. Proven and safe components allows stable operation of the computer. The power supply will also work in computers intended for gaming due to the strong 12V line. Quiet operation of the 120mm fan will not disturb the peace during the night playing or working at the computer.

10 REASONS WHY YOU SHOULD HAVE IT

01. **POWER** The 500 Watt power supply is sufficient dose of power for most configurations - including gaming computers.

02. **FOR YEARS** High-quality components allow you to power the computer for years.

03. **DESIGN** Elegant, black design that will be perfect for PC cases with a glass side panel.

04. **QUALITY** High-quality capacitors and transistors. Japanese manufacturer capacitors up to 105 C.

05. **SAFE** A number of protections against overloads, voltage changes and short circuits.

10 REASONS WHY YOU SHOULD HAVE IT

06. **BRONZE CERTICATE** — 80 PLUS BRONZE certificate - confirmation of the high energy efficiency of the power supply.

07. **FAN** — 120 mm silent and efficient fan.

08. **ECONOMICAL** — Standby power consumption below 0.5W.

09. **POWER LINE 12 V** — Stable operation on the strong 12 V line (max 492W for the 500W version).

10. **FOR OFFICE AND GAMING** — The power supply will work well in gaming configurations - its design and components will allow you to power a gaming computer.

MC-B88-500-FC

STRENGTH IN VERSATILITY

The economical, quiet and efficient MC-B88-500-FC power supply is a universal design that allows you to build a modern personal computer.

Regardless of whether you need - a computer for work, study or gaming - with this power supply you will successfully build PC for any task.

It will also work well in gaming configurations, where modern and economical components will allow you to play FPS, RPG or action-adventure games smoothly.

Versatility is its strength!

DC OUTPUT	+12V	+5V	+3.3V	-12V	+5VSB
MAX CURRENT	41A	18A	18A	0.3A	2.5A
MAX POWER	492W	90W		13.6W	
	500W				

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80 PLUS BRONZE 230V EU

MODECOM POLSKA Sp. z o.o.,
ul. Puławska 145, 02-715 Warszawa, Poland.
Made in China.

MODECOM

RoHS ⊗ ⚠ ⚠ CE

CAUTION! HAZARDOUS AREA!
SAFETY INSTRUCTIONS: DO NOT REMOVE THE COV-
ER! NO SERVICABLE COMPONENTS INSIDE! REFER
SERVICING TO QUALIFIED SERVICE PERSONNEL!
TOTAL MAXIMUM LOAD ON ALL LINES CAN NOT
EXCEED 500W

UWAGA! NIEBEZPIECZEŃSTWO!
NIE ZDEJMOWAĆ POKRYWY ZASILACZA! RYZYKO
PORAŻENIA PRĄDEM! INSTALACJA TYLKO PRZEZ
PRZESZKOLONY PERSONEL! WEWNĄTRZ NIE MA
ŻADNYCH SERWISOWALNYCH CZĘŚCI! ŁĄCZNE MAK-
SYMALNE OBCIĄŻENIE ZASILACZA NA WSZYSTKICH
LINIACH NIE MOŻE PRZEKROCZYĆ 500W

WERNUNG! GEFAHREZONE!
ABDECKUNG UNTER KEINEN UMSTÄNDEN ABNEHMEN!
INNEN BEFINDEN SICH KEINE SERVICE-ERSATZTEILE!
REPARATUREN SOLLEN NUR VON AUTORISIERTEM
FACHPERSONAL DURCHGEFÜHRT WERDEN. DIE
GESAMTE MAXIMALE LAST AUF ALLEN SPANNUNGS-
SCHIENEN DARF 500W NICHT ÜBERSCHREITEN.

SUFFICENT POWER

500 Watt from the PSU is the optimal power for most computers. It will be enough to build a modern and efficient computer, especially since the latest processors and graphics cards are more and more efficient, and most of them have been developed in order to minimize energy consumption.

This has additional benefits for the entire interior of the computer - less power consumption means less heat generation. In addition, the strong line of the 12V power supply allows you to keep the components in constant and safe operation while playing new games. High energy efficiency is additionally confirmed by the 80 Plus Bronze certificate.

01. SAFE POWER

The MC-B88-500-FC provides safe power for any computer.

02. DESIGN

Perfect for any PC configuration.

03. STABLE POWER

Regardless of how demanding games you run - the power supply ensures stable operation of the entire computer.

04. UNIVERSAL

It works well not only in power-demanding gaming computers, but also in computers typically designed for work and study.

05. ECONOMICAL AND QUIET

Silent cooling fan allows you to focus on your favorite game. The applied technological solutions reduce the energy demand compared to ordinary PSU.

06. BRONZE 80 PLUS

The power supply is 80 PLUS Bronze certified. You can be sure that it is efficient and provides adequate power to all computer components.

MODECOM

MC-B88-500-FC
POWER SUPPLY

DESIGN

ECONOMICAL

500 W

PROTECTIONS

MC-B88-500-FC

POWER 500 Watt

Model MC-B88-500-FC

Power	500 Watt
Format	ATX
Power supply standard (ATX)	2,31
Power Factor Connection type	Active (APFC)
Performance at 50% load	88%
Wiring type	Flat
ATX connector	ATX 20-pin + 4-pin
EPS +12V	EPS 12V 4+4 pin
Number of 4-pin plugs (HDD/ODD)	3 pcs.
Number of Serial ATA plugs	7 pcs.
Number of 6+2-pin (PCI-E) plugs	2 pcs.
Number of +12V 4+4-pin plugs (EPS12V)	1 pcs.
PSU Chassics	Black
Fan	120 mm

Model　　MC-B88-500-FC

Protections	
OVP	YES
SCP	YES
OPP	YES
UVP	YES
Mean Time Between Failures (MTBF)	100 000 h

Wiring	
24 Pin ATX	60 cm
P8(4+4) Pin	65 cm
IDE + SATA + SATA	55 cm + 15 cm + 15 cm
IDE + SATA + SATA	55 cm + 15 cm + 15 cm
IDE + SATA + SATA + SATA	55 cm + 15 cm + 15 cm + 15 cm
PCI-E(6+2) Pin	60 cm + 15 cm
PCI-E(6+2) Pin	60 cm + 15 cm

LOGISTICS

01   EAN: 5901885245713

02   Product code: ZAS-MC-B88-500-ATX-FC

03   Dimentions of collective package: 58,5 cm x 37,1 cm x 20,5 cm

04   Number of PSU in collective package: 10