

INSTALLATION

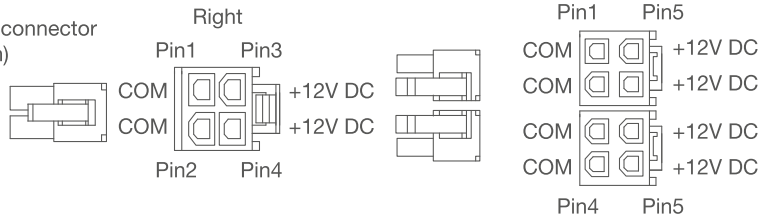
If replacing an existing PSU in a system, you will first need to remove the old PSU. Please proceed as follows:

1. Disconnect the AC power cord from your existing power supply unit.
2. Disconnect the power supply from all the components in the PC, make sure that all the connectors are unplugged.
3. Remove the four screws from the rear of the case that hold the old power supply to the chassis, and then remove the old power supply unit from case.

Installing the Power Supply:

1. Make sure the I/O switch of the PSU is at off "O" position.
2. Install the Power supply unit in the appropriated space in the PC case and secure it by screwing the four screws into the rear of the power supply.
3. Connect the 20+4 pin main power cable to the motherboard 20+4 pin socket. The detachable 4 pin section of the connector can be separated to support a 20 pin connection or section together to support a 24 pin socket.
4. Connect the 4+4 PIN (8 PIN) power cable to the mainboard. If your mainboard supports only 4 PIN jack, connect only the right side of the connector to the mainboard.

+12V CPU power connector
(EPS 8 Pin/4+4Pin)



5. If you are using a graphics card with a 6 PIN/8 PIN connector, please connect the respective connector to the socket on the board.
If your graphics card supports more than one socket, please connect the respective connector to the socket on board.
6. Connect the SATA or Peripheral 4 PIN Molex connectors to the hard disk or SSDs or optical drive.
7. Connect any others internal components that require power to the appropriate connector.
8. Make sure all the cables are securely seated.
9. Connect the AC power cord into the back of the power supply and switch on I/O switch at input "I" position.
10. Your PSU is now connected and ready.

ELECTRONIC SPECIFICATIONS







Model No.	AC Input		DC Output	+3.3V	+5V	+12V	-12V	+5V _{SB}
	Voltage	Current						
CFZ500	100V 240V	8-4A	Max Output Current	20A	20A	38A	0.3A	2.5A
			Max Combined Wattage	100W		456W	3.6W	12.5W
			Total Output	500W				

Model No.	AC Input		DC Output	+3.3V	+5V	+12V	-12V	+5V _{SB}
	Voltage	Current						
CFZ600	100V 240V	8-4A	Max Output Current	20A	20A	45A	0.3A	2.5A
			Max Combined Wattage	100W		540W	3.6W	12.5W
			Total Output	600W				

Model No.	AC Input		DC Output	+3.3V	+5V	+12V	-12V	+5V _{SB}
	Voltage	Current						
CFZ750	100V 240V	10-5A	Max Output Current	20A	20A	62.5A	0.5A	2.5A
			Max Combined Wattage	100W		750W	6W	12.5W
			Total Output	750W				

CONNECTORS

CFZ Series

Cable						
	20+4 PIN Motherboard Connector	4+4 PIN CPU Connector	6+2 PIN PCI-E Connector	S-ATA Connector	4 PIN Molex Connector	4 PIN Floppy Connector
	Fixed Cable			Modular Cable		
CFZ500	1	1	2	4	3	1
CFZ600	1	1	2	6	3	1
CFZ750	1	1	4	6	3	1

PRODUCT FEATURES

- 80 Plus Bronze certified to deliver over 85% efficiency
- ATX 12V V2.3 ready, supports EPS 12V 2.92 and backwards compatible with ATX 12V 2.01
- Active Power Factor Correction (PFC) with PF value of 0.95
- Maximum Protection: Over-voltage protection, short circuit protection, over power protection
- Long lasting, ultra-quiet 120 mm fan
- Crossfire and SLI support
- MTBF > 100,000 hours at 80% load, ambient temperature at 25°C

PACKAGE CONTENTS

- CFZ Power Supply Unit x1
- Quick User Guide x 1
- AC Power Cord x1
- Cable Tie x3
- Mounting Ccrew x4
- Modular Cable Set x1



SAFETY & WARNING

- Due to the high voltage inside the power supply, do not attempt to remove the cover of power supply. The warranty will be void if the cover is removed.
- Do not insert any objects into the open ventilation or fan grill area of the power supply.
- Do not store the power supply in high humidity and high temperature environment,
- Do not plug or unplug the power cord with wet hand.

TROUBLESHOOTING

If you installed the new power supply and the system is not working properly, please check the following:

- Make sure the AC power cord is plugged correctly into PSU inlet socket and power switch is at input “I” position.
- Make sure the wall socket, extension power cord, power strip or surge protector in use, fully functional and wall power switch turned on.
- Make sure that all the connectors from power supply are correctly plugged into the mainboard.
- Make sure there are no short circuits within the systems that could result from defective hardware or misplaced connectors.
- If you are not sure, take all parts out of the housing and only leave the mainboard inside together with the power supply. Disconnect all plugs, check them and then connect them again to the respective sockets.



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Technical Support Information techsupport@rosewill.com 1-800-575-9885
Please register your product at www.rosewill.com for complete warranty information and support for your product.

CFZ Series_A