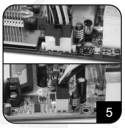
Power supply installation (For new system assembly)

Please ensure power supply is not connected to AC power cable.

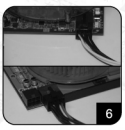
Please switch to the correct voltage for your location. (For non-PFC power supplies only)Note: Power supplies with PFC function can adjust input power voltage automatically without user intervention.

Place the power supply in the chassis location designated for power supply and secure it. (Please refer to your chassis manual)

Connect ATX 20-pin/EPS 24-pin power cable to the motherboard's corresponding connector.



Connect ATX +12V 4-pin / EPS +12V 8-pin power cable to the motherboard's corresponding connector.



Connect PCI-E 6-pin/8-pin power cable to PCI-Express video card's corresponding connector. (If necessary)

Power supply installation (for new system assembly)

Connect SATA power cables to SATA hard drives or devices.

Connect 4-pin peripheral power cables to IDE hard drives, optical drives or other devices.

Connect 4-pin peripheral power cables to fans utilizing the peripheral connectors. (DC +12V variety)

Connect small 4-pin power cable to floppy drives or other compatible devices

Reinstall chassis's cover, and secure it. (Please refer to the installation of chassis)

Connect AC power cable to the power supply. (Caution: please do not use extension socket, if using extension socket is necessary, avoid combined usage with other higher powered household appliances such as TV, audio amplifier, etc…)

Power supply installation (For new system assembly)

Turn on the power supply by switching to "I" (I/O) mode. Caution: The power supply is on standby now. System on and off is controlled by the motherboard. (Please refer to the motherboard manual)

Power supply installation (For replacement)

After turning off the system, switch the power supply to "O" position to disable system standby and make sure the system is no longer drawing any power.

Remove all power supply cables connected to the motherboard, video card, hard drive and other device.

Remove AC power cable from the power supply.

Remove power supply from the chassis. (Please refer to your chassis's installation manual.)

5. Please refer now to Step 1 of "Power supply installation (for new system assembly)"

Power supply usage notes and caution

1. The power supply includes dangerous high voltage; please do not open the power supply in any condition. Once the power supply enclosure is opened, it will no longer be covered under warranty.
2. Please use power supply in safe and dry surroundings.
3. Please do not obstruct, insert, or put anything into power supply's vents and any other openings.
4. The AC cable included with the power supply has been stringently examined by the factory for defects and quality so please use only the AC cable supplied with your power supply. AC power cable manufactured by a third party may produce incompatible results and possibly cause damage to your system or power supply.
5. This product is designed for indoor use only.

Troubleshooting

If your power supply is not operating properly, please refer to the following steps:

1. Please make sure the voltage switch is in the correct mode for use in your location (115V or 230V). (For power supplies without PFC function only)
2. Please ensure AC power cable is connect to the power supply.
3. Please make sure power supply's "I/O" is switched to "I" mode.
4. Please double check to see if all motherboard, video card(s), hard drives, and devices' cables are connected correctly.
5. Please turn off the power supply by switching the "I/O" to "O" mode. Wait for approximately 5 minutes for the power supply to reset its protection mechanisms, then switch on "I" mode and reboot the system.

Caution: The power supply includes dangerous high voltage; please do not open the power supply under any circumstances. Once the power supply enclosure is opened, it will no longer be covered under warranty.

Power supply connectors

ORANGE	+3.3V	ORANGE	+3.3V
ORANGE	+3.3V	BLUE	-12V
BLACK	GND	BLACK	GND
RED	+5V	GREEN	PS-ON
BLACK	GND	BLACK	GND
RED	+5V	BLACK	GND
BLACK	GND	BLACK	GND
GREY	PS-ON	NC	
PURPLE	+5Vsb	RED	+5V
YELLOW	+12V	RED	+5V
YELLOW	+12V	RED	+5V
ORANGE	+3.3V	BLACK	GND

EPS 24-pin motherboard power connector
Support the latest ATX/BTX PC motherboard
Support EEB/CEB server/workstation motherboard

ORANGE	+3.3V	ORANGE	+3.3V
ORANGE	+3.3V	BLUE	-12V
BLACK	GND	BLACK	GND
RED	+5V	GREEN	PS-ON
BLACK	GND	BLACK	GND
RED	+5V	BLACK	GND
BLACK	GND	BLACK	GND
GREY	PS-ON	NC	
PURPLE	+5Vsb	RED	+5V
YELLOW	+12V	RED	+5V

ATX 20-pin motherboard power connector
Support ATX PC motherboard

BLACK	GND	YELLOW	+12V
BLACK	GND	YELLOW	+12V
BLACK	GND	YELLOW	+12V
BLACK	GND	YELLOW	+12V

EPS 8-pin CPU +12V power connector
Support Dual CPU server/ workstation
Support latest single CPU system

BLACK	GND	YELLOW	+12V
BLACK	GND	YELLOW	+12V

ATX 4-pin CPU +12V power connector
Support latest single CPU system.

YELLOW	+12V	BLACK	GND
YELLOW	+12V	BLACK	SENSE
YELLOW	+12V	BLACK	GND

PCI-E 6-pin power connector
Support high-end PCI-Express video card, some high-end video cards may require two PCI-E 6 pin connectors.

YELLOW	+12V	BLACK	GND
YELLOW	+12V	BLACK	SENSE
YELLOW	+12V	BLACK	GND
BLACK	SENSE	BLACK	GND

PCI-E 8 pin power connector
Support high-end PCI-Express video card, some high-end video cards may require another PCI-E 6-pin connector in addition to PCI-E 8pin connector.

YELLOW	+12V		
BLACK	GND		
BLACK	GND		
BLACK	GND		
ORANGE	+3.3V		

SATA hard disk power connector
Support latest SATA hard drives and devices

YELLOW	+12V		
BLACK	GND		
BLACK	GND		
RED	+5V		

Standard 4-pin peripheral power connector
Support IDE/SCSI hard drives, optical drives, fans, etc...

YELLOW	+12V		
BLACK	GND		
BLACK	GND		
RED	+5V		

Small 4-pin floppy power connector
Support standard floppy drives or compatible devices

Power supply connectors

Converting wire
EPS 8-pin connector to convert into ATX 4-pin connector

Caution:

1. Please turn off your system and switch to "O" mode on the power supply before attaching or detaching power connectors.
2. All power connectors are keyed to prevent incorrect connections. If you cannot connect them easily, please double check to ensure the connector's direction and type before attempting to connect again. Do not attach the connector by force; incorrect connection will damage power supply or devices in your system.
3. The converting wire (picture 5.10) can only be attached with EPS 8-pin connector to convert into ATX 4-pin connecter. Incorrect connection will damage power supply or devices in your system.

The connectors shown above may differ depending on the model of your power supply.

Warranty

Product component defects or damages resulted in defective production is covered under warranty. Damages resulted with the following conditions will be fixed or replaced under SilverStone's jurisdiction.

1. Usage in accordance with instructions provided in this manual, with no misuse, overuse, or other inappropriate actions.
2. Damage not caused by natural disaster (thunder, fire, earthquake, flood, salt, wind, insects, animals etc...)
3. Product is not disassembled, modified, or fixed. Components not disassembled or replaced.
4. Warranty mark/stickers is not removed or broken.

Loss or damages resulted from conditions other than ones listed above are not covered under warranty.