ePOWER TECHNOLOGY
the power of silentengine))

User's Manual

TIGER

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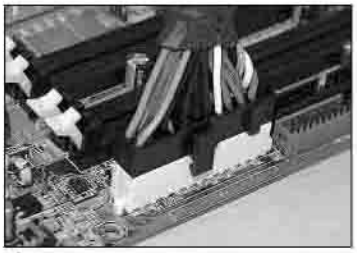
Installation:

Check the red power supply voltage switch setting before installation. It should be the same as your local power voltage (115V for North America, Japan, etc. and 230V for Europe and many other countries). Change the voltage setting if necessary. Failure to take this precaution could result in damage to your equipment and could void your warranty.

1. Disconnect the power cord from your old power supply.
2. Follow your computer case manual and open the case.
3. Disconnect all the power connectors from the motherboard and from the peripheral devices such as case fans, hard drives, floppy drives, etc.
4. Remove the existing power supply from your computer case and replace it with new power supply.
5. Now connect all power supply cables carefully to the corresponding peripheral devices of your computer, while paying special attention to the 24-pin ATX connection.

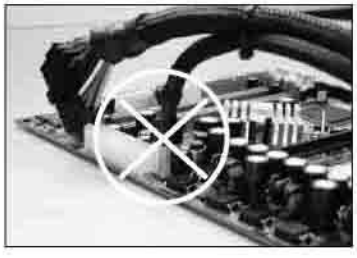


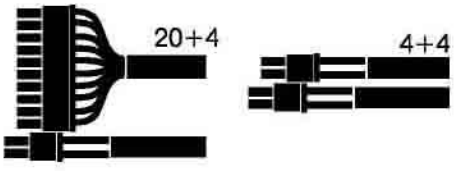
⬆ Slide 4 pin and 20 Pin together to use on 24Pin socket motherboards.

⬅ Please slide-out 4-pin connector and tie it up when using a 20-pin mainboard.

⬆ Slide two 4 pin from 4+4 rail to gether to fit 8pin requirement.

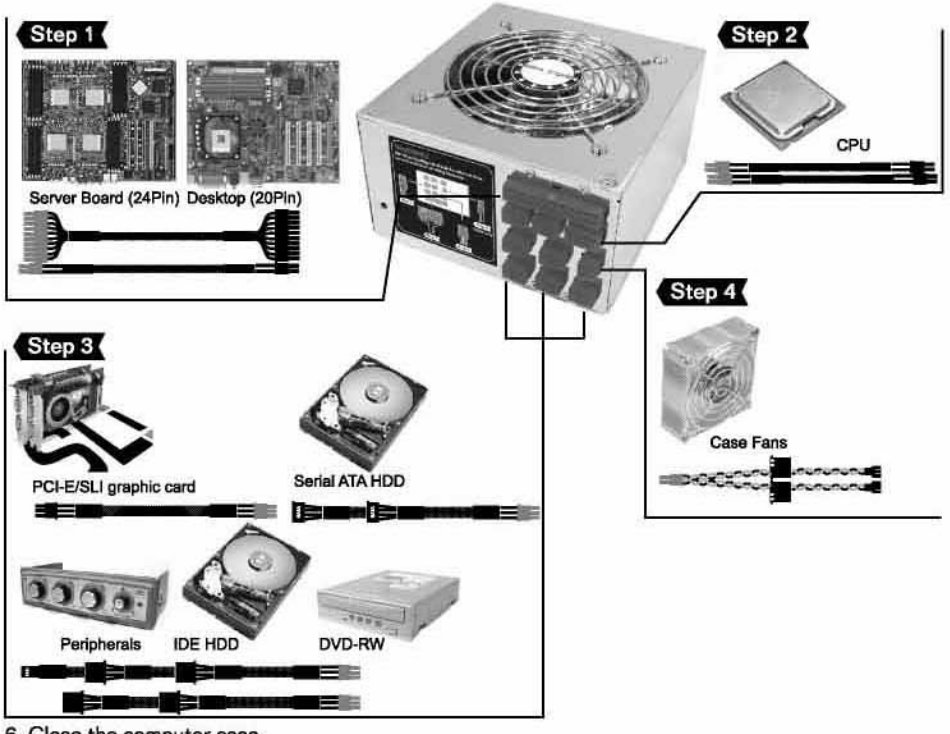
⬅ Slide one 4pin from 4+4 rail for P4 12V CPU power need.





⬅ Please do not plug 4 pins from the 4+4 rail to ATX 24pin socket it will not fit.

The following diagram should be adhered to for correct installation of wiring harnesses.

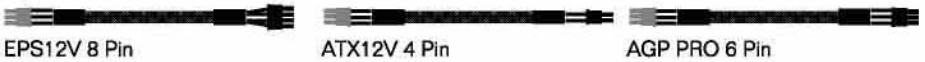


6. Close the computer case.
7. Connect the power cord to the power supply.
8. Turn on power switch

Protection:

If the power supply latches into shutdown stage (when over current, over voltage or short circuit protection is working), the power supply shall return to normal operation only after the fault has been removed and PS-ON is reset for a minimum of 1 Second or by removing AC power cord and re-connect it.

- **Option**



EPS12V 8 Pin | ATX12V 4 Pin | AGP PRO 6 Pin

- **Over Current Protection**

  The power supply DC outputs are protected from supplying output current above the maximum ratings and when output power is between 110%~150%. With the exception of the 5VSB output, all DC outputs are latched off in the event of an over-current event on any of the DC outputs. In the event of a short circuit on any output, except the 5VSB rail, all outputs are disabled and remain disabled until the power supply is powered off back on. The 5VSB rail will recover upon removal of the over current condition.

- **Over Voltage Protection**

  The overvoltage sense circuitry and reference reside in packages that are separate and distinct from the regulator control circuitry and reference. No single point fault is able to cause a sustained overvoltage condition on any or all outputs. The power supply provides latch-mode overvoltage protection defined as:

  +5V output is between 5.8V to 6.3V

  +12V output is between 14.0V to 17.0V

  +3.3V output is between 3.6V to 4.2V

- **Short Circuit Protection**

  The power supply DC outputs are protected from damage due to faults, when any output shorts to ground. In the event of a short circuit on any output, all outputs shall be disabled and remain disable until the power supply is powered off and back on. The 5VSB rail will recover upon removal of the over current condition.

Trouble Shooting:

If the system has no responses when user turns on the power supply, then please follow the following instructions to check the problem.

A. Ensure the power cord is connected tightly.
B. Ensure all the connectors are connected in the right direction.
C. Check whether there is any short-circuit problem, or defective peripherals by unhooking each peripheral one at a time.
D. Ensure the on/off switch is turn to the ON position.
E. If one of the above-mentioned have occurred, please wait for 10~30 seconds to release the power supply protect condition, then turn on the power supply again.
F. If the power supply still can not work, please send it back to your vendor or supplier for further analyzing and repairing.

Warning:

- *Please do not open the power cover without any authorizations; it will cause thunder-stroke danger.*

Note:

- *Warranty void if the serial number sticker broken or removed.*

- *If you have any technical problems, please feel free to contact us.*

Safty: 18176 E130843 CE CB Tested To Comply With FCC Standards FOR HOME OR OFFICE USE