



## How to Jump Start your power supply (Paper clip test)

1. For your safety, please turn off the power supply first, then set the I/O switch on the back of power supply (if available) to "O" position. (as show below)



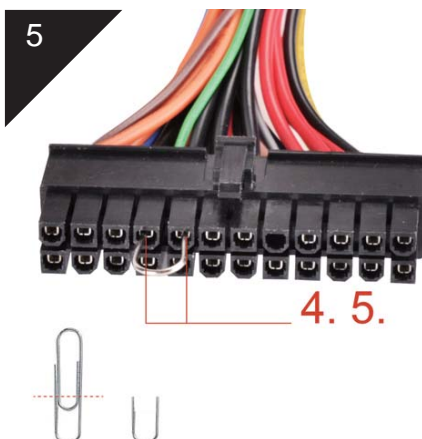
2. Unplug the AC power cord from the power supply.

3. Unplug all hardware devices cable from the power supply.

4. Re-plug the AC power cord into the power supply. Make sure to have the AC power cord plugged directly from wall outlet without any filters or UPS. (as show below)



5. Short between the green and black wires on the 24pin connector (as show below), with a paper clip or piece of wire. If all wires are black, place the connector with the lock clip facing up and short 4th and 5th pins (counting from left to right) in the upper row.



6. Turn on the power supply; then set the I/O switch of the power supply to the "I" position.  
(as show below)



7. If the power supply fan is running, then it is probably working.

To test fanless or semi-fanless power supplies, you may connect them to simple devices or components. For example, you can test fans that power off a 4pin peripheral connector to see if they will spin when the power supply is turned on.

Note: Avoid using more than one device while performing Jump Start.