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Computer Power Supply- Schematic and Operation Theory

For a complete schematic, see for example this annotated diagram of an ATX power supply. Note that unlike generators that convert energy stored in various fuels into electricity, PSUs convert electric energy from one form to another. The AC input receptacle in a PC is an IEC 320 type or equivalent. The fuse "F" is followed by an EMI filter.

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(LED1) indicates the status of the power input.

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### Circuit Diagram Of Smmps Power Supply

This be PC power supply for Computer again interesting circuit. May advantage with friends at do an occupation can repair a computer? By think be the character Switching power supply 200W sizes take AC Voltage Source 2 level be 110V and 220V choose can use leisurely. And still use volt out many the group be +5V , +12V, -12V enough will use for small-sized computer or AT power supply. When see ...

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AT and ATX PC computer supplies schematics

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Schematics diagram. Circuit description. This power supply circuit uses  
chip TL494. Similar circuit is used in the most power supplies with  
output power about 200W. Device use push-pull transistor circuit with  
regulation of output voltage. Input part a standby supply. Line voltage  
goes through input filter circuit (C1, R1, T1, C4, T5) to the bridge  
rectifier. When voltage is switched from 230V ...

### 200W ATX PC POWER SUPPLY - Pavouk

A switched-mode power supply (switching-mode power supply, switch-  
mode power supply, switched power supply, SMPS, or switcher) is an  
electronic power supply that incorporates a switching regulator to  
convert electrical power efficiently. Like other power supplies, an SMPS  
transfers power from a DC or AC source (often mains power) to DC

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Schematics diagram. Circuit description. This power supply circuit uses chip TL494. Similar circuit is used in the most power supplies with output power about 200W. Device use push-pull transistor circuit with regulation of output voltage. Input part a standby supply. Line voltage goes through input filter circuit (C1, R1, T1, C4, T5) to the bridge

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