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A Brief History of the Ups System by Julia Roger

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Back-up power for desktops is catered to by ups system so that you can continue your work at the PC.. UPS is short for Uninterrupted Power Supply or Source. It is automatic- this is when the power goes off it is activated immediately hence giving the user the time to save his documents or work files or switch on the auxiliary power unit. It is not to be confused with the latter as auxiliary units require some time to start when the power is cut off unexpectedly.

The effect of the UPS is immediate. It can work for a period of 10 to fifteen minutes, so long as its battery lasts.. This time is more than adequate for the person to save his work and by giving this time it gives a certain protection as well to the computer and its various components. It inverts the AC input into a rechargeable DC capacity that powers on when it perceives that the voltage has dropped down the standard level. This method is called offline or standby used commonly with the desktop computer. Unlike its larger and more powerful counterparts, which are used to power telecommunications units and data centers; the ups system performs the most basic of functions like protecting the PC from sudden surges of power to prevent damage to the system. It is connected to the PC through a port or Ethernet and as such receives intelligence reports of the sustaining capacity of the computer during power outages. It uses the method of one-to-one signaling method of communication with the host computer and gleans it data from that source. This enables it to expedite properly during the case of power shortage. An UPS performs the capacity of the hardware shield in order to protect and preserve the computer and all its components.

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