



# Article Side

Uninterruptible power supplies for Safety of Equipments by [Chris Adam](#)

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Power outages are common in cities and towns and tend to occur at any time of the day. The computer which is a sophisticated device is vulnerable to such power outages and can be damaged and all the data lost. This is the reason why a good Uninterruptible power supply is required to protect the device.

## Their working

The uninterruptible power supplies systems provide power back up to various devices such as appliances, computers and also mobile phones. The uninterruptible power supply devices are plugged to the device on one hand and to the power on the other hand. In case of any outage that takes place all of a sudden, the Uninterruptible power supply system starts functioning and immediately provides power backup to the device. .

## Different types of Uninterrupted power supply

There are 2 types of systems available in the market. One is UPS system for on-line and the other is the SPS or standby Power mode system. The SPS tends to monitor the power directly from the devices and converts the battery power automatically, the very minute it detects the problem within the socket, thus allowing faster transfer of power.

The UPS online system allows the device to be used for a longer stretch, with absent of power lapse. It tends to function even in the presence of power and stores power in its own system. They are however, quite reliable, but expensive than the SPS system.

## Selecting the right UPS

You need to note for 2 things in the UPS before purchasing, one the warranty and the other being the extended runtime. It is also important to check the compatibility of the device as an incorrect uninterruptible power supply system could possibly damage the device and data.

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## [Chris Adam](#) - About Author:

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