



BUHLE POWER

# Hospital Uninterruptible Power Supply Installation





## Overview

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Why do hospitals have uninterruptible power supplies?

Many hospitals have uninterruptible power supplies dedicated to specific testing bays to ensure a smooth and constant supply of utility power. Navigate outages safely and effectively during emergency situations.

How many power supplies are there in a healthcare installation?

There are several power supplies in one healthcare installation. Basic power supply is provided by the public electrical supply and the usual rules of the IEC 60364 apply. Safety power supply must automatically take over the function of the basic power supply if there is a drop or loss of voltage on the basic power supply.

What is an uninterruptible power system (UPS)?

Uninterruptible Power System (UPS). A UPS is defined as combination of power electronic converters, switches and energy storage devices (such as batteries) constituting a power system for maintaining continuity of load power in case of input power failure.

Why do medical facilities need a power supply?

In medical facilities and hospitals, there are many devices and equipment used to treat patients and protect their lives. In order for these to operate stably, it is extremely important to secure a power supply. Stopping equipment due to unexpected power outages or other power problems puts patients at risk, so this must be avoided.



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