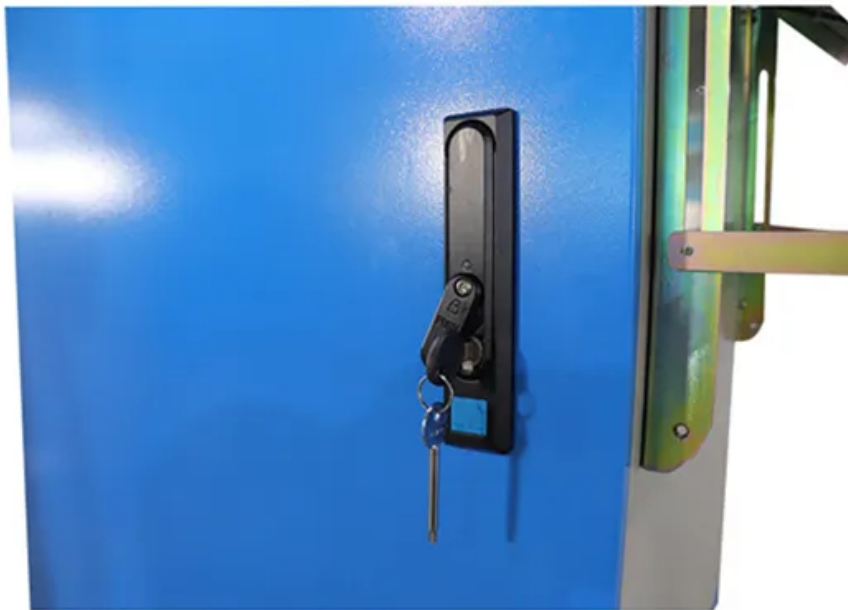


SolarTech Power Solutions

Can the uninterruptible power supply be replaced with a larger battery



Overview

All battery-based UPS systems require their batteries to be periodically replaced in line with a maintenance cycle; large systems allow for hot-swappable battery components so replacements can be undertaken without the UPS being withdrawn from service. How do you choose an uninterruptible power supply?

When choosing a uninterruptible power supply, IT teams can evaluate two criteria. One is the life of the unit itself – up to ten years. The second consideration is batteries. Every UPS unit has a battery, which as mentioned, must be replaced up to three times.

What are the different types of uninterruptible power supplies (UPS)?

In the first part of this article on Uninterruptible Power Supplies (UPS), we looked at the two main types of units, rotary and static, along with what considerations need to be taken into account when selecting a suitable UPS system. Here, we continue our deep dive into UPSs, examining the run or hold-up time, battery types and sizing.

What is the battery life of a UPS (uninterruptible power supplies)?

1. When is the battery life (replacement time) of a UPS (Uninterruptible Power Supplies)?

The battery life of a UPS varies depending on the surrounding usage environment, but it is generally said to be 2 to 5 years for lead-acid batteries and 10 years for lithium-ion batteries.

Can I replace the batteries of my ups?

It is permissible to replace the batteries of a UPS with specific types of batteries that are identified by the manufacturer of the UPS system on the equipment and within the product instructions as required by UL 1778.

How long does an uninterruptible power supply last?

Like all other IT equipment, an uninterruptible power supply (UPS) has a finite lifespan. The average expected lifecycle of a UPS is eight-to-ten years. The batteries typically need to be replaced at least three times during that lifespan. Of course, once a UPS reaches the end of its lifespan, it should be replaced to mitigate downtime.

What is a purpose-built uninterruptible power supply (UPS)?

Like the batteries that power your car, high-quality, purpose-built uninterruptible power supplies (UPSs) power today's mission-critical infrastructures. But life expectancy can vary greatly, depending on factors such as whether or not you proactively perform routine maintenance.

Can the uninterruptible power supply be replaced with a larger batt



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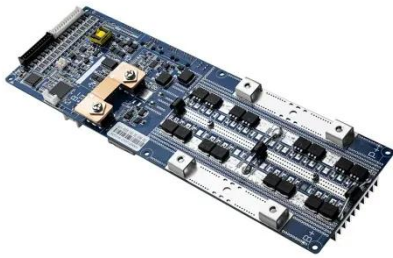
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