

# IS YOUR UPS SYSTEM READY FOR AN EMERGENCY?

Proper maintenance of your Uninterruptible Power Supply (UPS) ensures that your business stays operational during power disruptions. But how often should you service your UPS? How long does a UPS last? Can you replace UPS batteries yourself?

We explore some common FAQs about UPS maintenance to help you keep your system in top shape:

## Q1/4: HOW OFTEN SHOULD I SERVICE MY UPS?

**For optimal performance, it's important to conduct basic checks on your UPS every month.**

- Check battery status, monitor the load, and ensure proper ventilation.
- Schedule professional maintenance every six months to comply with SFG20 guidelines.
- Regular servicing by a qualified UPS engineer ensures system reliability during power disruptions.

**According to a 2019 report by the British Standards Institution (BSI), 39% of UPS failures in the UK are attributed to a lack of regular maintenance or improper servicing.**

## Q2/4: CAN I REPLACE UPS BATTERIES MYSELF?

While some UPS systems feature user-replaceable batteries, it's crucial to consult an expert if you're unsure. Incorrect battery installation can lead to malfunction or safety hazards.



A qualified technician ensures proper installation and identifies any other potential issues.

## QUOTE FROM THE EXPERTS:

“

While replacing batteries in some UPS models can seem straightforward, it's always best to rely on trained professionals. Incorrect installation can compromise system performance, reduce lifespan, and, in the worst-case scenario, create safety risks. Expert maintenance ensures both efficiency and safety.”

## Q3/4: WHO BENEFITS FROM A UPS?

Businesses in a wide variety of industries rely on UPS systems for uninterrupted power:



### Data Centres & IT Infrastructure

A single power outage can lead to data loss, server crashes, and costly downtime, making UPS systems essential for keeping networks, cloud services, and digital operations online 24/7.



### Healthcare Providers

Hospitals and medical facilities rely on UPS systems to power life-saving equipment, ensuring that ventilators, monitors, and critical care devices remain operational even during outages.



### Financial Services

Banks, trading platforms, and payment systems depend on uninterrupted power to maintain real-time transactions, protect financial data, and avoid costly service disruptions.



### Emergency Services

Fire stations, police departments, and 999 call centres cannot afford downtime, making reliable UPS backup crucial for public safety and rapid emergency response.



### Educational Institutions

Schools, colleges, and universities rely on IT systems, smart classrooms, and online learning platforms, making UPS solutions vital for preventing disruptions to student learning and research activities.



### And Many More...

From retail to manufacturing, government facilities, and logistics, UPS systems ensure business continuity and operational security across every industry.

**According to a 2023 report by the UK Government's Department for Business, Energy & Industrial Strategy, power outages cost UK businesses an estimated £1.5 billion annually.**

## Q4/4: HOW LONG DOES A UPS LAST?

**Typically, UPS systems last around 8-10 years with proper maintenance.**

Regular inspections, timely battery replacements, and expert care can help extend the lifespan of your UPS. If you're approaching the 8-year mark, it's a good idea to schedule a professional evaluation.

70% of UPS units fail within the first 2 years due to poor upkeep. Regular inspections, timely battery replacements, and expert care can help extend the lifespan of your UPS.

## IT'S TIME TO TAKE ACTION!

Keep your UPS in peak condition and ensure your business stays up and running, no matter what.

At BCL Power, we provide expert UPS solutions tailored to your needs, along with reliable maintenance services to protect your operations.

## PROS & CONS OF REGULAR UPS MAINTENANCE:

### PROS

#### BENEFITS OF REGULAR UPS MAINTENANCE (WHY YOU NEED AN EXPERT)

- ✓ **Increases System Reliability** – Prevents unexpected failures and ensures your business stays operational during power outages.
- ✓ **Reduces Risk of Downtime** – Power disruptions cost UK businesses £1.5 billion annually. A well-maintained UPS safeguards against this.
- ✓ **Complies with Industry Standards** – Regular servicing by a qualified UPS engineer ensures SFG20 compliance and optimal performance.
- ✓ **Enhances Safety & Performance** – Expert maintenance prevents overheating, electrical faults, and incorrect battery installations.

### CONS

#### RISKS OF SKIPPING MAINTENANCE OR USING A GENERAL ELECTRICIAN

- ✗ **Higher Risk of Failure** – 39% of UPS failures are due to lack of maintenance or improper servicing.
- ✗ **Incorrect Battery Installation** – Replacing UPS batteries incorrectly can cause malfunctions, safety hazards, and performance issues.
- ✗ **Potential Compliance Issues** – Not maintaining your UPS properly may void warranties and fail to meet BSI and SFG20 standards.
- ✗ **Reactive vs. Proactive Approach** – General electricians may lack the specialist knowledge needed to identify and prevent long-term issues.

**READY TO SCHEDULE YOUR UPS MAINTENANCE OR EXPLORE UPS OPTIONS FOR YOUR BUSINESS?**



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