

PROTECT YOURSELF FROM BUDGET BLOWOUT WITH FAN AND CAPACITOR REPLACEMENT

One of the most important things you can do to manage uninterruptible power supply costs is to keep up with parts replacement. Fans and capacitors are two of the most overlooked — and most critical — components of your UPS system. Malfunctions result in emergency repairs and business interruption each year.

These issues are 100% preventable with a little planning.



Fan facts

Fans cool heat sinks in both the rectifier and inverter sections of your system. Faulty fans can cause temperature problems, load loss or even complete operations failure. Fans dissipate heat from SCRs, IGBTs and power modules. A single IGBT can cost upwards of \$1,200 if it is destroyed by heat.

Capacitor care

Capacitors are part of an electric filter that improves the power quality of your unit. If you're operating with deteriorated capacitors, you're adding stress to the whole system. This can cause load damage. Capacitor failure may also ruin battery strings — another costly repair. A severe capacitor failure can result in fire, adding the cost of clean-up and productivity loss. It's also important to consider the hidden costs of operating with a "run until failure" approach; poorly performing capacitors affect harmonics, which means higher utility bills.



Smart steps for big savings

Proactive maintenance is smart maintenance. DC Group maintains all makes and models of uninterruptible power supply equipment made since the 1980s. We make it easy to get proactive with our complimentary D-Tech™ online asset management tool, and a dedicated Account Manager to keep you on track. Contact us to get started!

Proper fan and capacitor care adds up to real savings. Call DC Group today to get on schedule.

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