uninterrupted power℠
dc group®

dc-group.com or 1.800.838.7927

PROTECT YOURSELF FROM BUDGET BLOWOUT
WITH FAN AND CAPACITOR REPLACEMENT

One of the most important ways to manage uninterruptible power supply (UPS) costs is to keep up with parts replacement. Fans and capacitors are two of the most overlooked – and most crucial – 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 upward of $1,200 if it's 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 cleanup 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 services all makes and models of UPS equipment built since the 1980s. We do this by maintaining the largest parts inventory in the industry, including OEM-discontinued and rare parts. DC Group makes it easy to get proactive with our complimentary PowerTools Suite™ of asset management software 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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