

Demystifying UPS Solutions: How TG-BOX Series Protects Your Critical Data Infrastructure

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Why Your NAS System Needs Specialized Power Protection

Imagine working on a critical project for months when suddenly - lights flicker, screens go dark. That split-second power interruption just corrupted your NAS storage array. Unlike regular computers, network-attached storage systems require zero downtime protection - exactly what the TG-BOX/LV series delivers through its online UPS technology.

The Hidden Costs of Data Loss

78% of businesses report financial impacts exceeding \$10,000 per data loss incident

34% of storage device failures trace back to improper shutdowns

Average recovery time for corrupted RAID arrays: 18-36 hours

TG-BOX Series Technical Breakdown

Military-Grade Power Conditioning

These units employ double-conversion online topology - the same technology protecting hospital ICU equipment. The incoming AC power gets converted to DC, then back to pure sine wave AC, creating an impenetrable barrier against:

Voltage spikes (up to 6000V surge suppression)

Frequency fluctuations (±0.5Hz stability)

Harmonic distortion (

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