

KEEPING HEALTHCARE FACILITIES **PROTECTED**

Is Your Highly Sensitive Diagnostic and Data Processing Equipment Sheltered from POWER DISTURBANCES?

The slightest power disturbance can take a healthcare facility off-line without notice. A power dip can corrupt databases and shut down sensitive digital equipment leaving patients, doctors and medical staff in a very critical position. Without power to ride through those crucial seconds of an outage until the generator comes on-line, the most modern, high-tech healthcare equipment is vulnerable to software or hardware damage.

Optimized to work with new or existing generators, the Active Power Uninterruptible Power Supply (UPS) delivers the most efficient and reliable electric power for your industry's challenging set of needs. Ranging in power from 300 kVA to 900 kVA, the battery-free Active Power UPS meets the power quality demands of hospital facilities and eliminates the need for high maintenance battery-based units. The system integrates highly reliable flywheel technology that protects against sags, surges and outages, and is 98% efficient. The Active Power UPS maintains power continuity when integrated with a standby generator set to provide a complete continuous power system.

Proven Reliability for Healthcare Facilities around the World

When hospital engineers want to be assured of constant, uninterrupted power to prevent corruption of diagnostic data and patient records, they specify the Active Power UPS. The Active Power UPS is modular and compact enough to easily fit into small spaces, computer rooms and switchgear rooms and tough enough for outside containers.

Rebsamen Medical Center in Jacksonville, Arkansas, is protected by an Active Power UPS battery-free solution. The acute care facility recently purchased new MRI and CAT Scan equipment. This highly sophisticated and expensive diagnostic equipment warranted a highly reliable power source. The Active Power UPS provides hospital facilities such as Rebsamen with the highest level of power quality and efficiency.



Product features and benefits include:

- Compact footprint and modular design
- Low maintenance and installation cost
- Battery-free
- No damaging battery fumes, gases or hazardous material
- Field expandable (for capacity and redundancy)
- Gen set compatible
- Rapid recharge time (<2.5 min. from full discharge)
- Energy-efficient (98%)
- Harmonic cancellation
- Transient voltage suppression
- Adjustable voltage and frequency tolerance
- Power factor improvement
- Remote notification & monitoring software
- 40° C rating on entire system
- Quiet operation, <75 dBA at 1 m
- 24 VDC gen set starting power option
- Front-only service access

Active Power CleanSource 300 Customer Spotlight: *Rebsamen Medical Center, Jacksonville, Ark.*

"Power in central Arkansas can be unstable," explains Ed Meharg, Director of Engineering for Rebsamen Medical Center. "We experience numerous power failures, from a fraction of a second to several hours," he notes. "Even a short power glitch can wreak havoc on our sensitive diagnostic medical equipment."

To help ensure reliability, Rebsamen now relies on an uninterruptible continuous power system from Active Power. The system consists of a 300 kVA UPS for short-term outages and power conditioning, and a 350 kW generator set for long-term outages, integrated to provide continuous quality power throughout the hospital facility.

"We are always investigating new methods to address our critical power requirements beyond those required by NFPA, which cover emergency power at healthcare facilities," notes Meharg.

For today's sensitive loads, like the ones used in healthcare facilities, rely on Active Power for complete continuous power quality solutions.