SureVolt Automatic Voltage Regulator
Continuous power conditioning and protection

Power is just the start of what we help healthcare facilities protect.

Reliable power is never more critical than in a healthcare facility. Power fluctuations can wreak havoc, disrupting sensitive medical equipment and jeopardizing patient care. Protect your critical equipment and patient care with a SureVolt™ automatic voltage regulator. SureVolt provides continuous power conditioning and the broadest range of protection available.

Safely bridge all voltage anomalies and ensure maximum reliability and consistent operation of critical and sensitive equipment. SureVolt provides tightly controlled voltage through both transient and longer-term low- or high-voltage events while balancing three-phase power. Achieve consistent voltage regulation and fast correction without regular maintenance or moving parts.

SureVolt features:

> Fast voltage regulation corrects under/overvoltage, sags, and swells
> Compatible with all load types and power factor
> High fault-clearing capacity permits reliable operation of other protective devices
> Built-in surge suppression for surges and spikes
> Line isolation minimizes transients
> Independent phase regulation corrects voltage imbalance
> Input circuit breaker protects against damaging overcurrent and short circuits
> Automatic failsafe electronic bypass keeps the load powered
> 100% natural convection cooling, requires no fans or other moving parts
> Sizes 5 to 2500 kVA, any voltage up to 600 Vac
> Single phase, three phase, compatible with all load types
> Non-full-power semiconductor design for 1000% fault-clearing capability
> All digital controls and operation for performance, accuracy, and customization
> Transformer shielding reduces line noise to deliver clean power

Keep sensitive medical equipment noise- and disruption-free for accurate patient diagnosis.
Current Interruption Elimination
Unique design eliminates the load current interruption seen in some power conditioners during switching. These interruptions to the current flow can create voltage spikes when switching, affecting sensitive loads and causing premature component failure.

Fast Correction
The SureVolt automatic voltage regulator provides fast voltage correction to keep sensitive equipment up and running. Programmable logic controllers, variable frequency drives, and instrumentation all benefit from its short response time (typically 1 cycle).

Simple Operation
Microprocessor-controlled tap-switching technology with an isolated, shielded transformer and a unique control design make SureVolt the industry’s leading automatic voltage regulator. It conditions power with no operator or programming required. The standard LCD display provides information on the status and current operation of the unit while alarm contacts permit remote monitoring.

Easy Installation and Maintenance
Installation is as simple as setting it in place and installing the wiring in and out. The unit arrives completely assembled and requires no programming, testing, measuring, setting of switches, or internal wiring. Maintenance is just as easy. With no moving parts, wear parts, or fans, SureVolt automatic voltage regulators require no regularly scheduled maintenance other than annual inspection and cleaning.

Scan the QR code for a healthcare solutions video!

Learn how to protect your medical equipment and facility, email powersolutions@schneider-electric.com