

Features	Benefits
Active voltage stabilisation	Over 90% of UK sites would save more energy with an iVolt® compared to leading fixed reduction systems
Solid state thyristor technology	No moving parts in the power circuits, no annual maintenance required
Stabilisation over wide voltage range	Maximises energy savings
Unique IRT Energy Monitor® technology (patent pending)	Measures and reports energy savings accurately
Independent 3 phase control	Active phase balancing, improved power quality to enhance equipment life
Maintains stable voltage even if site voltage drops to 220V	Minimises risk of "brown outs" and equipment failure
Removal of voltage spikes and surges, and elimination of harmonic distortion	Added protection for site equipment and improved power quality
In-built electronic failsafe mode design	Maintains continuity of supply to site
Manufactured with low loss component technology	The iVolt® is over 99.4% efficient at full load and maximises energy savings
Reliable and proven technology, and ISO9001 accredited facilities	All iVolt® transformer windings have a 15 year guarantee
Internal power parameter measurement and data logging	Tracking of product and site performance
RS485 and USB data communications	Fully integrable into building management software systems
9 thyristor taps	Up to 12% reduction in voltage