


powerstar
100% British Engineered. 100% Guaranteed Results.

MAX

ELECTRONIC-DYNAMIC VOLTAGE
OPTIMISATION SYSTEM WITH
GUARANTEED SAVINGS

MARKET LEADERS IN VOLTAGE OPTIMISATION

INNOVATOR 10





WWW.POWERSTAR.CO.UK

THE UK MANUFACTURED, ELECTRONIC, NO MAINTENANCE SOLUTION WITH **GUARANTEED SAVINGS**

ABOUT POWERSTAR MAX

Powerstar MAX represents the next generation of dynamic voltage optimisation systems. Designed to provide a set ($\pm 1v$) voltage output to the site by maintaining voltage specifically at the optimum level without fluctuation.

In many sites voltage levels vary by as much as 30 volts per day, and in such cases an intelligent voltage optimisation system, incorporating modern technology will be required to regulate output independent of the incoming voltage to maximise energy costs and savings.

The Powerstar MAX system is a worldwide leader in voltage optimisation, designed and manufactured in the UK to the highest efficiency, recording average savings of 12-15% on consumed energy.

Powerstar MAX is not an off-the-shelf product. Our acclaimed, project led approach ensures that the best solution is identified for your site.

**UNDER THE RIGHT CONDITIONS,
THE POWERSTAR MAX CAN SAVE
UP TO 50% MORE ENERGY THAN
ANY OTHER FIXED REDUCTION
VO/VPO SYSTEM.**

THE BENEFITS OF POWERSTAR MAX

Powerstar MAX is the only voltage optimisation system in the world to be granted a patent on its design. The electronic Powerstar MAX is a dynamic voltage optimisation system that features advanced technology to automatically adjust the voltage output and maintain at the optimum level.

Other benefits include:

- Savings of up to 26.1% on energy consumption and associated CO₂ emissions
- **Capable of delivering greater savings than any fixed VO/VPO system on the market**
- **No moving parts, therefore no maintenance required**
- Reduction in maximum load demand (kVA) resulting in lower electricity bills
- Voltage stabilisation to give a guaranteed voltage output
- Independent 3 phase control to provide voltage phase balancing
- **Manufactured in the UK to highest efficiency using locally sourced components**
- Protection against voltage spikes, surges and significant reduction of harmonics
- Intelligent interface to track product and site performance in real time
- Improved life expectancy of site equipment, therefore reduced maintenance costs
- **Verified savings, 100% guaranteed as per proposal**

DYNAMIC VOLTAGE OPTIMISATION

Most electrical equipment manufactured for Europe and the UK is rated at 220v and may indeed operate at an even lower voltage. One of the reasons Powerstar MAX is so effective is that the average voltage supplied from the National Grid is 242v, whereas the nominal voltage is 230v. So in most cases you are being supplied more voltage than you need – and you're paying for it, whether you want it or not.

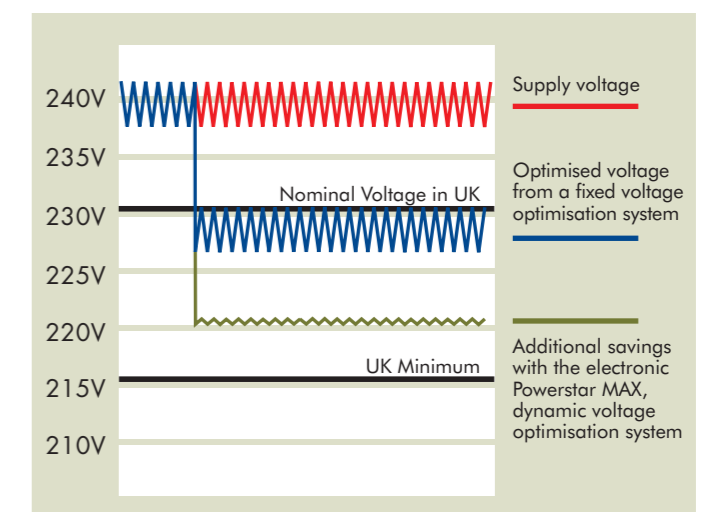
Powerstar MAX can optimise the voltage to bring it in line with the characteristics and loading of the site or through electronic-dynamic variable reduction, dependent on the demands of the site.

From our experience, for a 5% voltage reduction we expect at least 10% in energy savings.

FREE CONSULTATION

FOR FURTHER INFORMATION OR TO REQUEST A FREE NO OBLIGATION CONSULTATION TO DETERMINE HOW THE ELECTRONIC POWERSTAR MAX VOLTAGE OPTIMISATION SYSTEM CAN BENEFIT YOUR BUSINESS CONTACT US ON 01709 836 200 OR EMAIL POWERSTAR@EMS-UK.ORG

POWERSTAR MAX SAVINGS COMPARISON



 powerstar[®]
100% British Engineered. 100% Guaranteed Results.

MAX

THE NEXT GENERATION, ELECTRONIC
VOLTAGE OPTIMISATION SYSTEM

**REQUEST MORE INFORMATION
ON POWERSTAR MAX AT:**

www.powerstar.co.uk/contact.html

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