



LITE

Powerstar LITE is a fixed voltage optimisation system which provides a set level reduction across a pre defined tap range, providing benefits such as reduced electricity consumption and costs, and prolonging the lifespan of electrical equipment. The optimised voltage will match the incoming voltage profile, albeit reduced by a set amount.

SOLUTION FEATURES

- ✔ LITE systems are available from 100Amp for small commercial systems up to 3MVA systems available for larger commercial premises.
- ✔ Ideal for sites which experience a stable yet high level of incoming voltage.
- ✔ Undervoltage controller (UVC) – A control system that does not interrupt the incoming electricity supply to the Powerstar system. The UVC will remove the voltage reduction applied when a set point has been reached. The unit is not electrically isolated from the supply.
- ✔ Break before make (BBM) – A bypass switch for disconnecting the incoming electricity supply directly to the load, removing the Powerstar system from the circuit. This requires an interruption to the incoming electricity supply and is operated manually.
- ✔ Circuit protection (CP) – Circuit protection provides protection against both overload and fault currents for the equipment downstream. If the current exceeds the trip value (this can be either the rating of the CP or the derated value) then the CP will trip and interrupt the circuit.

AVERAGE CONSUMPTION SAVING

8-10%

BENEFITS:

- ✔ 100% Guaranteed savings
- ✔ Carbon emission reductions
- ✔ Reduced wear and tear on electrical equipment
- ✔ Maintenance free system
- ✔ Patented design
- ✔ 15 years warranty & 50 year lifespan

TYPICAL PAYBACK PERIOD FOR POWERSTAR'S VOLTAGE OPTIMISATION SOLUTIONS:

2 – 4 years



SAVE
ELECTRICITY
COSTS



PROTECT
CORPORATE SOCIAL
RESPONSIBILITY AND
REPUTATION



REDUCE
FINANCIAL RISK
INCREASE BOTTOM LINE
AND CUT CAPITAL
REPLACEMENT COSTS



CUT
CARBON
FOOTPRINT