



VPhase

An Energetix Group Company

VPhase Customer Enquiry Information

What does the VPhase unit do?

The VPhase unit is a voltage optimisation device designed for use in homes and small businesses. The unique VPhase product optimises the incoming voltage to a constant 220V giving householders immediate and significant energy savings for the whole home with a single VPhase fitted to the consumer unit. Based on our back to back tests, on appliances such as fridges and freezers a VPhase unit can deliver a massive saving of around 17%. VPhase delivers further savings on washing machines, tumble driers, dishwashers, televisions and a whole range of other electrical appliances.

Why has this never been done before?

It has! Voltage optimisation schemes have been carried out at major commercial sites for some years in order to save energy and save money. Unfortunately it has not been possible until now to make the technology cost effective for small premises and residential use. We have developed and patented that technology and the first result is the VPhase unit you see here today.

How does VPhase work?

Across Europe the agreed statutory range for voltage is 207V to 253V. In the UK voltage is typically around 245V. Household appliances must be designed to operate satisfactorily within the European statutory range. Many of the appliances we use regularly will use less energy at lower voltages. VPhase has developed a new innovative and unique smart technology that enables voltage optimisation to be cost effectively introduced into the home. The VPhase unit reduces and stabilises the voltage at the property to a level within statutory limits but below the voltage that is usually supplied by power companies, in the UK the VPhase output is typically 220V.

Will the VPhase work at other voltages – such as that in North America?

VPhase unit is specifically designed to work at the European voltage level and many other countries around the World. We also have a version in development for the North American market designed to operate at a nominal 120V.

Is the VPhase unit the only product available?

The VPhase unit is the first result of the development of our unique technology. However, we anticipate many other applications in the future!

What size is the VPhase unit?

It is about the same size as your existing fuse box. Technical specifications and installation instructions which include detailed dimensions can be downloaded from our website (www.vphase.com).

How will it be installed?

The VPhase unit will be installed alongside the consumer unit (fuse box) by a qualified electrician and will regulate voltage to the circuits where energy savings can be made. No site survey or on-going monitoring is required to ensure optimum benefits from VPhase.

How can I find someone to install the VPhase unit?

The VPhase unit must be installed by a qualified electrician. For details of an electrician in your area please visit the Electrical Contractors Association website www.eca.co.uk

When and how can I purchase a VPhase unit?

The VPhase unit is now available! Call 0845 003 8235 or visit www.vphase.com to purchase the unit.

How much will the Vphase unit cost?

The VPhase unit costs £299 (including VAT & delivery). For trade list prices and volume discounts please contact us for further details.

How much energy will the VPhase unit save?

The precise energy saving will depend on a number of specific factors including the incoming voltage at the house, the number and type of appliances used and the amount of electricity normally consumed. For example, our tests have shown that appliances with motors can save around 17% whereas entertainment devices may save between 3% and 10%. Of course energy saving also reduces carbon emissions and helps the environment.

Are there any appliances that do not save energy?

The energy consumed by closed loop (thermostatically controlled) electric heating is not affected. If your home has electric heating (e.g. storage heaters) then we do not apply VPhase to these circuits.

Who are we currently working with?

Currently VPhase has teamed with both Scottish and Southern Energy and British Gas. Working with the utility companies is an excellent way to introduce the product to the marketplace. We are also developing relationships with housing associations, electrical contractors and electrical distributors.

Has the VPhase unit been field trialled?

We have had a unit running successfully in a test house 24/7 since March 2008. There is also a trial which has been approved by OFGEM for the Government's CERT (the carbon emissions reduction target) scheme that will determine the lifetime CO₂ savings of VPhase and it's overall contribution to meeting CO₂ reduction targets.

Why is VPhase important in the market? Why now?

Long term energy price rises and the current economic climate mean more people are struggling to meet the cost of energy bills. VPhase offers significant reductions in electricity bills. Furthermore VPhase reduces carbon emissions. These benefits are achieved from a single VPhase across the whole home; you can save energy immediately without even thinking about it.

Will VPhase affect the reception of digital television, wireless internet, cordless telephones or power line carrier based communications?

VPhase has tested the unit in houses using all of the above methods of communications. All of these devices continued to operate with no degradation in performance. The VPhase unit has been designed to meet very strict European standards for electromagnetic compatibility (EMC). The EMC performance of the VPhase unit has been verified at independent test facilities.



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