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# Press Release

Not for release without prior authorisation

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## A/C Guard prevents damage to air-conditioners from mains voltage fluctuations

Air-conditioning units can be permanently damaged by fluctuations in their mains voltage supply, particularly undervoltages. The new A/C Guard from Sollatek can protect domestic and commercial air-conditioning equipment from all kinds of voltage fluctuations, including brownouts, overvoltages, spikes and power-back surges.

The compact unit is simply wired between the mains and the appliance, and instantly disconnects the supply whenever a power problem occurs. When the mains supply returns to normal, the A/C Guard automatically switches the power on again, after a short delay to prevent frequent switching during multiple fluctuations.

Part of Sollatek's versatile Voltshield range which uses Sollatek Switcher technology, the single phase unit is available in 16, 20 and 25 Amp models. It is suitable for protecting all types of home and office air-conditioners, including split units, as well as commercial and industrial refrigerators and freezers.

The A/C Guard has a built-in microprocessor with a TimeSave™ feature to reduce down time. This ensures that when the mains returns to normal after an event, the A/C Guard checks the duration of the Off time. If the unit has been off for more than four minutes it switches the air-conditioner on within 10 seconds rather than waiting for the standard four minutes. If the unit has been off for less than four minutes, the A/C Guard ensures that it remains off for up to four minutes before restarting.

In addition, extra protection is provided by a built-in circuit breaker. If a short circuit or overload occurs, the circuit breaker detects the fault and automatically cuts the power to the air-conditioner. To resume operation, the circuit breaker is simply switched on again when the cause of the overload has been removed.

The easy to install A/C Guard weighs only 400 gm and is supplied with full back up support and a two year worldwide warranty. It is particularly suitable for use in developing countries and other regions where the mains power quality may be less than optimal.

### Notes for editors

Founded in 1983 to exploit the patented design for an Automatic Voltage Switcher, Sollatek (UK) Ltd has become one of the foremost producers worldwide of specialist products to protect electrical and electronic equipment. With offices in 14 countries and an active distribution network in 24 more, Sollatek has grown rapidly to become a global company.

For more information visit: [www.sollatek.com](http://www.sollatek.com)



The A/C Guard from Sollatek protects domestic and commercial air-conditioning equipment from all kinds of voltage fluctuations.

