

SmartGuard™ – A Safety Revolution

Thanks to GardenPower's innovative SmartGuard™ technology, garden lighting transformers are now safer and easier to use.

Available on the GardenPower range of All-Weather transformers, SmartGuard™ continuously monitors the output power for overloads or short circuits and extends lamp life with a soft start function.

SmartGuard™ provides four important features which improve garden lighting safety and reduce maintenance costs.

- SmartGuard™ continuously monitors the transformer output for overload conditions and reacts instantly if there is a problem. Overloading can occur when low wattage lamps are accidentally replaced with higher wattage lamps (which causes regular transformers to overheat). SmartGuard™ immediately detects an overload and controls the output current to maintain a safe operating temperature.
- If low voltage garden wiring is shorted, SmartGuard™ responds immediately to prevent dangerous high currents, melted wiring and overheated transformers. On detecting a short, SmartGuard™ controls the fault current to a safe level and disables the transformer output if the short persists.
- SmartGuard™ features a tri-colour status light allowing problems to be determined over the phone reducing the requirement for on-site diagnostic visits. Reset is achieved by simply repowering the transformer.
- When power is first applied, SmartGuard™ soft-starts the transformer and low voltage lamps by applying power gradually. This controlled start-up increases lamp life and eliminates in-rush currents. This prevents nuisance tripping of circuit breakers.

GardenPower's SmartGuard™ is an integral part of GardenPower All-Weather IP67 transformers from the 50 watt & 100 watt LED units through to the 200 watt and 300 watt Halogen Light models.

For more information on SmartGuard™ and the GardenPower All-Weather transformer range contact Craig Coultman-Smith on 0408 004 771.

