

# embertec®

ENERGY EFFICIENCY TECHNOLOGIES



## Embertec SmartSwitch™ PC Automatic Power Down

EmbertecPC-ET-01



Instruction Booklet

## Important

### Please retain your instruction book for future use.

In the event that you need assistance with your Embertec SmartSwitch™, please contact us on 1300 0 333 678 (1300 0 EFFORT) or email us at [customerservice@embertec.com](mailto:customerservice@embertec.com). Alternatively, visit us on our website at [www.embertec.com](http://www.embertec.com)

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PATENTS GRANTED AND PATENTS PENDING

# IMPORTANT: Please retain your instruction book for future use.

At Embertec, we believe that safe performance is the first priority in any consumer product, so that you, our valued customer can confidently use and trust our products. We ask that any electrical appliance that you use be operated in a sensible fashion with due care and attention placed on the following important operating instructions.

## Important Safeguards For Your Embertec SmartSwitch™ PC

- Carefully read all instructions before operating the Embertec SmartSwitch™ PC for the first time and save for future reference.
- To protect against electric shock, do not immerse the Embertec SmartSwitch™ PC in water or any other liquid.
- This Embertec SmartSwitch™ PC is intended for household use only and not for commercial or industrial use.
- Disconnect from the power point before cleaning and when the Embertec SmartSwitch™ PC is not in use.
- Do not plug this Embertec SmartSwitch™ PC into another adaptor.
- Do not insert needles or any other metal objects into the adaptor outlet.
- Avoid moisture, extreme temperatures, shock and vibration.
- This device does not convert voltage. Do not connect country or travel power adapters into the Embertec

SmartSwitch™ PC. Your connected equipment must be of Australian configuration (2-pin, 3-pin), rated 220 – 240VAC.

- Connected plugs must be kept clean and free from defect.
- Suitable for indoor use only.
- Ensure the adaptor is securely plugged into the wall socket to avoid the adaptor slipping out. Ensure cords plugged into the adaptor remain tangle free.

## Important Safeguards For All Electrical Appliances

- The Embertec SmartSwitch™ PC is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the

Embertec SmartSwitch™ PC.

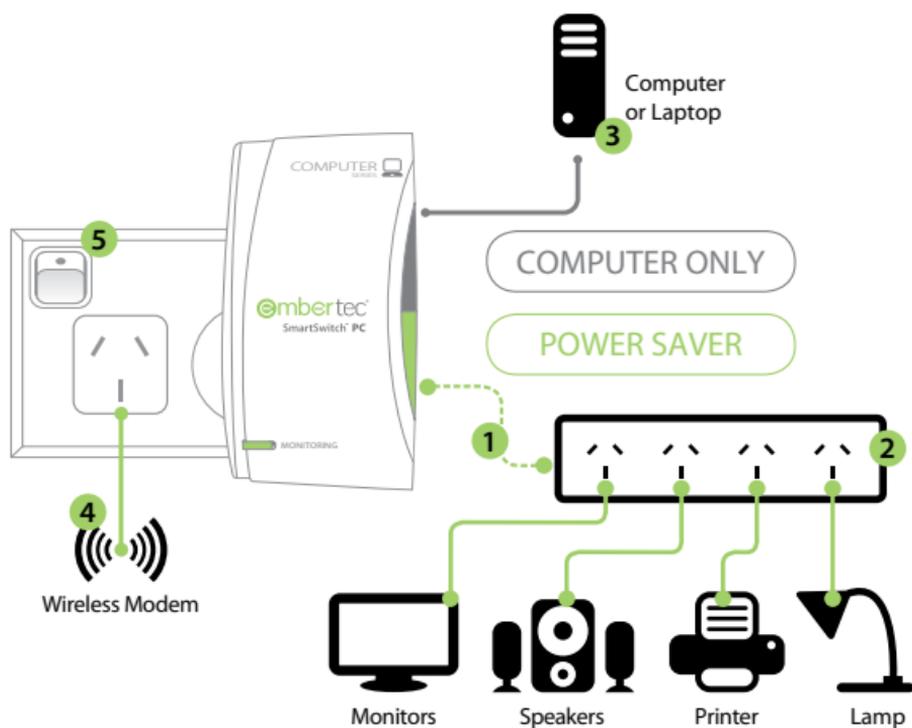
- It is recommended to regularly inspect the Embertec SmartSwitch™ PC. To avoid a hazard do not use the Embertec SmartSwitch™ PC if it becomes damaged in any way.
- This Embertec SmartSwitch™ PC is for household use only. Do not use this Embertec SmartSwitch™ PC for anything other than its intended use. Do not use in moving vehicles or boats. Do not use outdoors. Misuse may cause injury.
- Embertec is not responsible for special, incidental, or consequential damages or loss of components, or data; loss of operating instructions; or intentional misuse of the product. Damages and loss include, and not limited to: lost business; business downtime; component/ equipment replacement and reconfiguration; or retrieval of lost data.

## Quick Installation Guide

### Setting Up the Embertec SmartSwitch™ PC

1. Unplug your existing powerboard from the wall socket and then plug the powerboard into the 'Power Saver Socket'.
2. Plug the equipment that is used with the computer, such as monitors, printers, speakers, external hard drives and lamps into this powerboard.
3. Connect only ONE computer (laptop or desktop) into the socket marked 'Computer Only'.
4. Connect the equipment that needs to remain turned on, such as the internet modem / router, fax machine, to another free socket on the wall outlet.
5. Plug the Embertec SmartSwitch™ PC into a 230V or 240V power point, and turn the power point on at the wall.

**NOTE:** Maximise your energy saving by ensuring your computer's power management settings are active so the computer enters sleep or standby after a short period of time (15 minutes). Normally this function is found in a menu called 'Power Options' in a PC; and 'Energy Saver' in a Mac.

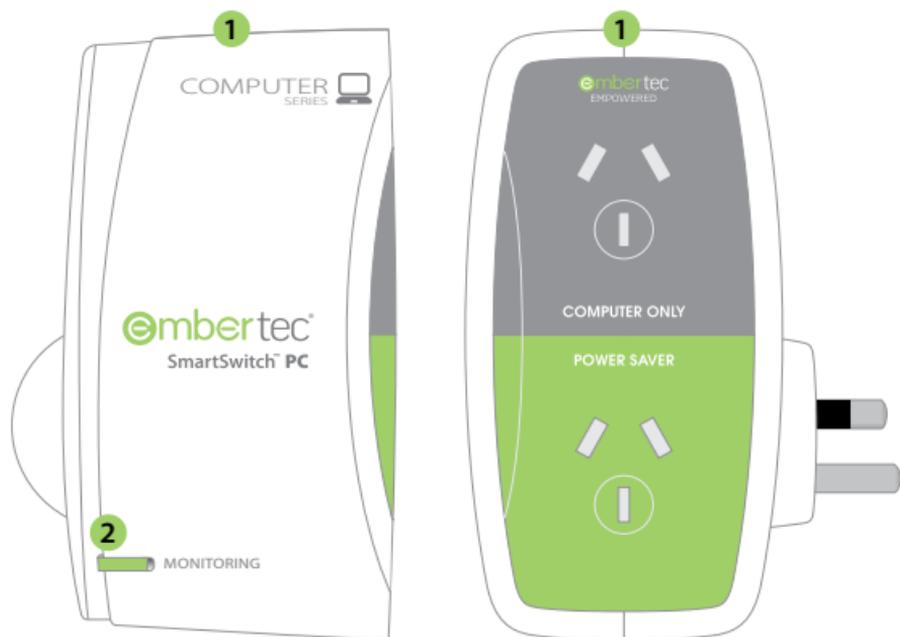


# Your Embertec SmartSwitch™ PC

1. Embertec SmartSwitch™ PC
2. On/Off 'Power Saving' socket indicator light

## Not Shown

- Overload protection circuit breaker re-set button



## Fast Facts

- The 'Computer Only' socket (grey) is recommended for use with a laptop or desktop computer. This will ensure that constant computer power is not interrupted or removed at any time to avoid damage to your computer hardware or data files.
- The 'Power Saver' socket (green) is recommended for peripheral devices that can be switched off automatically when the computer is not in use (monitors, printers, speakers, and lamps). These devices will be switched off automatically to save energy when the computer enters sleep, hibernate, standby or off modes.
- LED monitoring light indicates power, monitoring and event status, as well as the operational state of the Embertec SmartSwitch™ PC.
- Circuit breaker re-set button.
- 3 pins for use with standard Australian general purpose outlets.

## Specifications

- Surge protection provided to Embertec SmartSwitch™ PC outlets, providing assurance that your home office equipment and computer equipment are protected against dangerous power surges from your electricity source. Total surge protection up to 537 Joules / 13,500amps. In the event of a major power surge, electrical overload or wall outlet failure, the Embertec SmartSwitch™ PC will remove power to both sockets to further protect your connected equipment.
- Australian designed and engineered.
- Conforms with Australian Electrical Safety Standards: AS/NZS 3197:2005 and AS/NZS 3100:2009

## What is Embertec SmartSwitch™ PC?

The Embertec SmartSwitch™ PC automatically switches off power to peripherals connected to the power saving socket when the computer switches off or goes into sleep mode.

Equipment is re-powered by simply reactivating your computer.

The Embertec SmartSwitch™ PC connects to existing power boards and works with all computer equipment regardless of brand or age.

**NOTE:** It is not guaranteed to work accurately for laptops with old batteries.

### What Power is Wasted?

Many of today's appliances for the home and office continue to use power, even when the appliance is turned off. Appliances that are left on unintentionally or are in sleep mode, waste even more power.

### Automatic Power Down

Embertec SmartSwitch™ PC eliminates standby power consumed by computer and office equipment that has been left on/gone into sleep mode, or has completed charging.

## Using Your Embertec SmartSwitch™ PC

### Before First Use

Remove any packaging and promotional material from the Embertec SmartSwitch™ PC adaptor.

### Setting Up the Embertec SmartSwitch™ PC

To maximise your energy saving, please ensure your computer's power management settings are active so the computer enters sleep, standby or hibernate modes. Normally this function is found in a menu in a PC, called 'Power Options'.

In a iMac, 'Energy Saver' is used to tell the computer when to go to sleep. Other option to send your Mac to sleep, close the lid on your portable mac or press the on/off button once on your desktop mac.

Connect your computer power plug into the socket marked 'Computer Only'.

**NOTE:** Only one computer is to be connected to the 'Computer Only' socket.

Identify the equipment that is used with the computer, such as monitors, printers, speakers, external hard drives and lamps, and plug them into the socket marked 'Power Saver'.

**NOTE:** Where there is more than one device that needs to be connected, any power board or surge board may be connected to the 'Power Saver' socket.

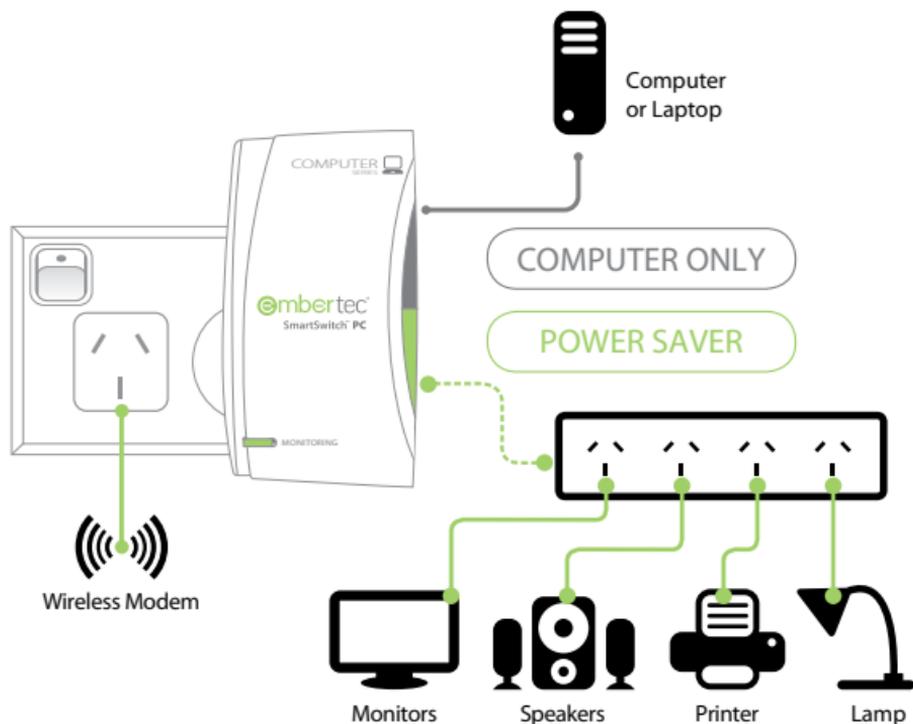
**NOTE:** Devices that are connected to the 'Power Saver' socket will be automatically switched off during a power saving cycle.

Connect the equipment that needs to remain turned on, such as the internet modem / router, fax machine, to another free socket on the wall outlet.

Plug the Embertec SmartSwitch™ PC into a 230V or 240V power point, and turn the power point on at the wall.

**NOTE:** Only equipment connected to the Embertec SmartSwitch™ PC will be protected against surge.

**NOTE:** If the power management settings are not active on the computer, the peripherals connected to the Embertec SmartSwitch™ PC 'Power Saver' socket will only be turned off when the computer is manually shut down.



The LED monitoring light on the Embertec SmartSwitch™ PC will now light up for 3 seconds to indicate detection of connected equipment. This also indicates the Embertec SmartSwitch™ PC is monitoring your power consumption and providing power to the 'Power Saver' socket and then will switch off.

Your PC system is now ready for use normally.

## Led Monitoring Light Status

### The LED light on your Emberplug™ PC is:

ON whenever power has been applied to the Power Saver socket, and OFF when the power has been removed from the Power Saver socket.

## Standby Power Down

Once the Computer enters standby, hibernate / sleep or off mode, the Embertec SmartSwitch™ PC will detect this and begin the standby power down mode. During this time, the Embertec SmartSwitch™ PC will monitor the power consumption to ensure the computer is no longer being used. After approximately 60 seconds of inactivity from the user, the peripheral appliances connected to the 'Power Saver' socket will be switched off.

**NOTE:** When using Laptops and Notebooks: the Embertec SmartSwitch™ PC may need additional time to detect battery charging and condition status in order to determine whether peripherals should be on or off.

**NOTE:** It is not guaranteed to work accurately for laptops with old batteries.

### Turning the Computer And Components off After Connecting the Embertec SmartSwitch™ PC

Simply turn your equipment off in the normal way.

Once the computer has been switched off, the Embertec SmartSwitch™ PC will remove power from the 'Power Saver' socket after a delay of approximately 60 seconds.

### Reactivating the Computer, Peripherals and Equipment

To reactivate your computer, peripherals and equipment, simply press the spacebar, move the mouse, or momentary press the computer power button on your computer. The Embertec SmartSwitch™ PC will switch on the peripherals connected to the 'Power Saver' socket within 5 seconds.

This will apply power to all components ready for use. You can continue using your computer and components in the normal way.

To maximise your energy saving, please ensure your computer's power management settings are active so the computer enters sleep, standby or hibernate modes. Normally this function is found in a menu item called 'Power Options'.

## Care and Maintenance

**NOTE:** The Embertec SmartSwitch™ PC will switch off all peripherals when the computer enters sleep, standby, hibernate or off modes. If any program is working or activity is detected, all peripherals will remain on (even when the screen saver is already on).

### Overload Protection

The Embertec SmartSwitch™ PC is fitted with a safety device that switches off the adaptor in the event of overloading. Should the adaptor stop working, turn off and unplug all units, and reset the safety protection button on the adaptor before attempting to restart the adaptor. If the adaptor fails to operate or the safety device switches off again, contact Embertec on 1300 0 EFFORT 1300 0 333 678.

To clean the outside of the Embertec SmartSwitch™ PC adaptor, first switch off and remove the adaptor from the power point. Then wipe the exterior with a soft, damp cloth. Never use an abrasive cleaner.

When not in use, store the Embertec SmartSwitch™ PC (preferably in its original box) in a cool, clean and dry location.

### Disposal/Recycling

To protect the environment, the Embertec SmartSwitch™ PC should be recycled, or disposed of safely at the end of its life. Please return the Embertec SmartSwitch™ PC to a recycling centre for safe recycling or disposal.

[www.recyclingnearyou.com.au](http://www.recyclingnearyou.com.au)

## Troubleshooting Guide

Problem	To Check
The Embertec SmartSwitch™ PC is not receiving power.	<ul style="list-style-type: none"><li>• Ensure the mains power supply switch is turned on at the wall or power board.</li></ul>
The Embertec SmartSwitch™ PC is not powering down my peripheral appliances. This may be caused by older laptops where the batteries are continuously recharging.	<ul style="list-style-type: none"><li>• Ensure the equipment is plugged into the 'Power Saver' socket, not to the 'Computer Only' socket.</li><li>• To maximise your energy saving, please ensure your computer's power management settings are active so the computer enters sleep, standby or hibernate modes. Normally this function is found in a menu item called 'Power Options'.</li></ul>
The Embertec SmartSwitch™ PC has stopped working.	<ul style="list-style-type: none"><li>• Unplug all the appliances connected into the Embertec SmartSwitch™ PC adaptor and then unplug the adaptor from the wall socket. Then reconnect everything again.</li></ul>

## Embertec 12 Month Replacement Warranty

**This Embertec SmartSwitch™ is supplied by Embertec Pty Ltd. Embertec Pty Ltd is responsible for any warranty obligations as defined below.**

In Australia, this Embertec SmartSwitch™ Replacement Warranty does not limit or restrict any other rights or remedies that the purchaser may have under law including the guarantees under the Australian Consumer Law relating to the appliance.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

This Embertec SmartSwitch™ Replacement Warranty is valid only in the country of purchase, but other statutory rights or remedies may still apply.

This Warranty card and the purchase receipt for this product are to be retained to validate proof of purchase and must be presented if making a claim under the Embertec Replacement Warranty.

Embertec warrants the purchaser against defects in workmanship and material for a period of 12 months domestic use from the date of purchase (or 3 months commercial use). The cost of returning the product is not covered by this warranty.

The Embertec Replacement Warranty does not apply to any defect, deterioration, loss, injury or damage occasioned by, or as a result of, misuse or abuse, negligent handling or if the product has been used other than in accordance with the instructions.

The Embertec Replacement Warranty excludes breakables

such as glass and ceramic items, consumable items and normal wear and tear.

This Embertec SmartSwitch™ Replacement Warranty is void if there is evidence of the product being tampered with by unauthorised persons.

If the product includes one or a number of accessories only the defective accessory or product will be replaced.

Products may be replaced by refurbished goods of the same type.

Subject to your statutory rights, in the event of Embertec choosing to replace the product, the Embertec SmartSwitch™ Replacement Warranty will expire at the original date, i.e. 12 months from the original date of purchase.

## How to claim

In the event that you need some assistance with your Embertec SmartSwitch™ appliance, please contact us on 1300 0 333 678 (1300 0 EFFORT) or email us at [customerservice@embertec.com](mailto:customerservice@embertec.com)

Alternatively, visit us on the website at [www.embertec.com](http://www.embertec.com) or write to us at Warranty Claims, Embertec Pty Ltd, 182 Fullarton Road, Dulwich, SA 5065, Australia.

**For further assistance please contact us on  
[customerservice@embertec.com](mailto:customerservice@embertec.com)**

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