

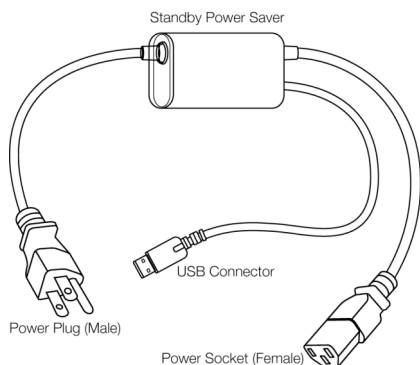


PC Standby Power Saver – Instructions – US

150PC-US-W

Introduction

Thank you for purchasing this TrickleStar product. The TrickleStar™ PC Standby Power Saver reduces the standby energy consumed by PC accessories by switching them Off when a PC is shut down. The Product connects to a PC via a standard USB connector and detects the power status of a PC via the USB port.



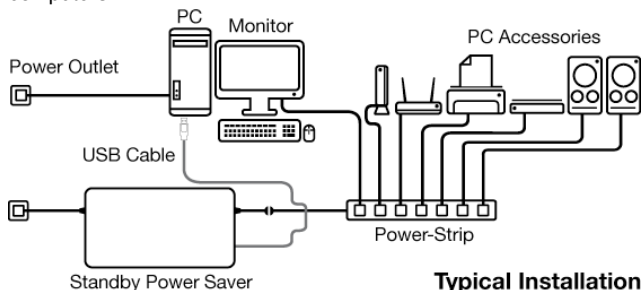
When a PC is On, the Product will switch On all accessories. Conversely when a PC is shut down, the Product will switch Off all accessories. The Product is easy to install and provides simple automation to reduce wasteful standby energy consumption. The Product is suitable for residential and workplace PC applications and works with both PC and Mac desktops and notebooks. The Product can be connected directly to equipment or connected to a standard electrical powerstrip with a number of connected devices.

Getting Started

There are a number of different methods that the Product can be connected to PC accessory devices. 2 common methods are indicated below.

Typical Installation

The simplest and most typical installation is a single computer with a number of accessory devices that are not shared with any other computers.

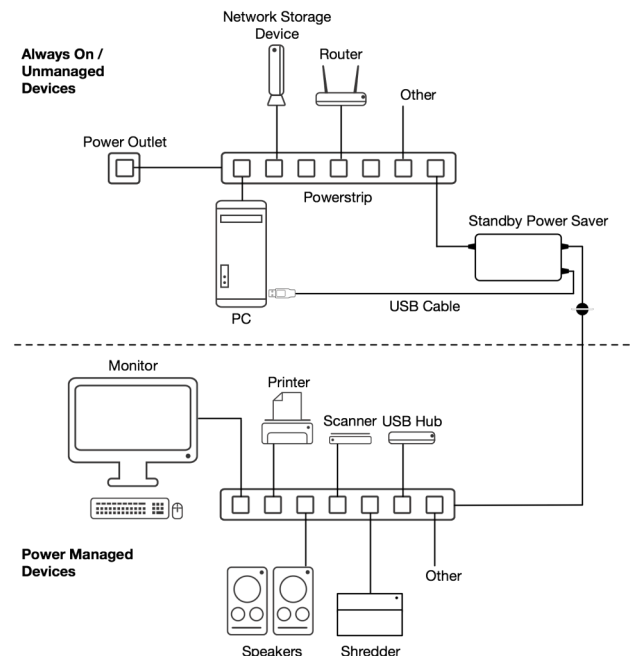


The Accessory devices should all be plugged into a Power-Strip and plugged into the Female Power Socket of the Product. The Male Power Plug should plug directly into a wall Power Outlet. Care should be taken to ensure that the computer / CPU / PC is plugged into a separate power outlet directly. The product will not work correctly if the PC is plugged into the power-strip controlled

by the PC Standby Power Saver. The USB cable on the Product should be plugged directly into a USB port on the computer and must not be plugged into a USB hub.

Advanced Installation

In certain circumstances it may be required that certain devices remain powered all the time and selected devices are power managed / switched. The following illustration indicates a possible configuration to meet this type of functionality.



Advanced Installation

The USB cable on the Product should be plugged directly into a USB port on the computer and must not be plugged into a USB hub.

Sleep And Shutdown Modes

Sleep Mode and Shutdown Mode should be considered as quite different operating modes. Different computers will handle powering of the USB ports in different ways for Sleep and Shutdown Modes. Certain computers have configurable settings in the Control Panel / Power Management settings to configure operation of the USB ports – you should review the documentation on your PC for more information.

Shutdown Mode –the CPU powers down. No power is supplied to the USB ports and the Product will switch Off connected accessories. **THE PRODUCT IS DESIGNED FOR OPERATION WITH A COMPUTER THAT IS PUT INTO SHUTDOWN MODE.** It is also good energy saving practice to shutdown your PC when it is not being used.

Sleep Mode – a state of hibernation, where the CPU and hard drives remain powered, but in an idle state. Typically the USB ports will remain powered, so that movement of the mouse or typing on the keyboard will wake up the computer. The Product will typically not switch accessories – as it will sense that the USB port remains powered. This is not a design or manufacturing issue, this relates to the way that the USB ports behave on the specific computer.

On certain computers, the USB ports will power down in Sleep Mode and the Product will work in the same manner as in Shutdown Mode.

Electrical and Environmental Specifications

FOR INDOOR USE

Voltage	120 VAC +/- 10% 50Hz
Relay Rating	10A
USB cord	1.5 meters
Power in cord	0.3 meters
Power out cord	0.2 meter
Operating Temp	0° to 45°C
Storage Temp	-20°C to +60°C
Humidity	5 to 90% N/C

Approvals

ELECTRICAL & SAFETY	OTHER
UL, FCC, CSA, NOM	2002/95/EG (RoHs) 2002/96/EC (WEEE) 1999/5/EC (RTTE)

Warranty

Unless specified otherwise, TrickleStar warrants that TrickleStar Products will be free from defects in materials and workmanship affecting normal use for a period of one year from invoice date ("Standard Warranty"). This warranty is extended to the original purchaser only and is not transferable.

This Standard Warranty does not cover damage, fault, failure or malfunction due to external causes, including accident, abuse, misuse, problems with electrical power, servicing not authorized by TrickleStar, usage and/or storage and/or installation not in accordance with Product instructions, normal wear and tear, act of God, fire, flood, war, act of violence or any similar occurrence. Any attempt by any person other than TrickleStar personnel or any person authorized by TrickleStar, to adjust or repair the Products shall void the warranty.

During the one-year period beginning on the invoice date, TrickleStar will repair or replace Products returned to TrickleStar's facility. Customer must prepay shipping and transportation charges, and insure the shipment or accept the risk of loss or damage during such shipment and transportation. TrickleStar will ship the repaired or replacement products to Customer freight prepaid.

TrickleStar does not give any warranty that the Products are fit for any particular purpose and this Standard Warranty is given in place of all warranties, conditions, terms, undertakings and obligations implied by statute, common law, trade usage, course of dealing or otherwise including warranties or conditions of merchantability, fitness for purpose, satisfactory quality and/or compliance with description, all of which are hereby excluded to the fullest extent permitted by law.

If any provision of these Terms and Conditions is held by any competent authority to be invalid or unenforceable in whole or in part, the validity of the other provisions of these Terms and Conditions and the remainder of the provisions in question shall not be affected thereby. Where implied conditions and warranties cannot be excluded due to local trade practices legislation, TrickleStar's liability for breach of such conditions and warranties shall be limited, at TrickleStar's option, to

(a) in the case of products, the replacement of the products or the supply of equivalent products; the repair of such products; the payment of the cost of replacing the products or of acquiring equivalent products; or the payment of the cost of having the products repaired OR (b) in the case of services, the supplying of

services again; or the payment of the cost of having the services supplied again. TrickleStar's total liability in respect of each event or series of connected events shall not exceed the total price paid for the purchase of product/s.

TrickleStar shall not be liable for Products not being available for use, or for data or software, which is lost, corrupted, deleted or altered. TrickleStar shall not be liable to the Customer for any incidental, indirect, special or consequential damages arising out of or in connection with the purchase, use or performance of products or services, even if TrickleStar has been advised of their possibility.

FCC Statement

This device complies with part 15 of the FCC rules. Operation of this device is subject to the following conditions;

- This device may not cause harmful interference, and
- This device must accept any interference including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device (Is this right!?), pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. The equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment on and Off, the user is encouraged to try to correct the interference by one or more of the following measures;

- Reorient or relocate the receiving antenna or device.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a different circuit to which the receiver is connected.
- Consult TrickleStar or an experienced radio / TV technician for help.

WEEE

This product complies with the WEEE Directive (2002/96/EC) marking requirements. The affixed label indicates that you must not discard this electrical / electronic product in domestic household waste. Product Category: With reference to the equipment types in the WEEE Directive Annex 1, this product is classed as category 9 "Monitoring and Control Instrumentation product".

DO NOT DISPOSE IN DOMESTIC HOUSEHOLD WASTE.

To return unwanted products, contact the manufacturers website shown on the product or your local sales office or distributor.

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