

Sample uses of Smart Strip automation

Control outlet	Switched outlet(s)
Computer	All computer peripherals, desk lamp
TV	Home theaters, DVD, cable box
Fluorescent lamp	Fan, home stereo, small heater
Home shop equipment	Work light, dust collector, shop vac

Smart Strip specifications

- ▶ LCG3 general specifications
- ▶ Maximum power rating: 125 volts, 50/60 hertz, 15 amps, 1875 watts
- ▶ Safety testing: UL 1449 (3rd edition) & UL 1363 (3rd edition)
- ▶ 15-amp recessed lighted switch/circuit breaker
- ▶ 4 internal fuses
- ▶ 6-foot heavy-duty power cord with 45-degree space saver plug
- ▶ Four-way wall mountable
- ▶ 10 outlets: 6 switched, 1 control, 3 standard
- ▶ Combined protection status indicator
- ▶ 3-way surge protection: 2,300 joules with less than 1 nano-second response time
- ▶ Maximum surge voltage: 6,000 volts
- ▶ Maximum spike current: 60,000 amps
- ▶ UL voltage protection rating: 800V L-N, 800V L-G, 800V N-G
- ▶ Superior EMI/RFI 60 DB noise filtering using 2 bar chokes and capacitor
- ▶ Ultra-safe patented passive current sensor
- ▶ Adjustable switching threshold
- ▶ .35-watt idle current in standby mode
- ▶ Third generation Smart Strip technology

Did you know?

A Department of Energy study showed that 15 percent of the energy an average house uses is attributed to standby current. The Smart Strip turns the power off automatically, saving energy and money!

Warranty information

All product and surge damage warranties are the sole responsibility of the manufacturer, BITS Limited. Valley Rural Electric Cooperative, Inc. offers no warranties, either expressed or implied, for the devices installed nor their fitness for any particular purpose. Any claims of product failure or consequential damages will be processed by the manufacturer.

BITS Limited supplies the original purchaser of the Smart Strip a:

- ▶ 30-day unconditional money-back guarantee
- ▶ 2-year manufacturer defects warranty
- ▶ Lifetime return policy for damage caused to the Smart Strip by a power surge
- ▶ PLUS \$30,000 of protection for connected equipment

For additional warranty information or to report a claim, contact the manufacturer:

BITS Limited
2101 Starkey Road
Rodgers Business Park - Q1
Largo, FL 33771
Toll free: 877/424-8758

How to purchase

For more information or to order a Smart Strip, call 814/643-2650 or toll free 800/432-0680 or email memberservices@valleyrec.com. Or purchase a Smart Strip at any Valley Rural Electric Cooperative office.



Valley Rural Electric Cooperative, Inc.

Your Touchstone Energy® Cooperative 

PO Box 477
Huntingdon, PA 16652-0477
www.valleyrec.com

ENERGY SAVING SMART SURGE PROTECTION

AVAILABLE FROM
VALLEY RURAL ELECTRIC
COOPERATIVE



Stop standby
energy loss

Protect your
electronics

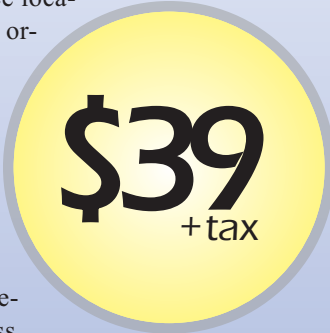
Preserve the
planet



Going green made easy.

VALLEY RURAL ELECTRIC CO-OP now offers high-quality “smart” surge protectors for homes or businesses at a cost of \$39 plus tax. The devices may be bought and picked up at any Valley Rural Electric Cooperative office location. Or they may be mail ordered (with shipping charges added to the final total).

These Smart Strips go above and beyond standard power strips with surge protection by also reducing standby energy loss.



What is standby energy loss?

Many electronics continue to draw power when they are plugged in but in “sleep” or “off” mode. They use what is called standby energy (also known as vampire power), and it can add up quickly on electric bills. Smart surge protectors can help significantly curb a home or business’s vampire power use. That means smart surge protectors like the Smart Strip are the only surge protectors on the market today that have the potential to pay for themselves.

How does a Smart Strip work?

The Smart Strip actually senses how much power computer peripherals and electronics use. When the Smart Strip detects that you’ve turned off your computer (or whatever device is plugged into the “control” outlet), it automatically shuts off the peripherals that are plugged into the strip as well, preventing them from drawing any idle current. Most computer systems now have at least a monitor, scanner, printer, DSL/cable modem and a USB hub. Although the computer may be turned off, each peripheral still draws an idle current of 50-400 milliamps per hour. Components drawing an idle current of 400 milliamps (24 hours a day) would use more than 400 kilowatt-hours a year and cost you more than \$40 annually on your energy bills. Just a printer and monitor can draw as much in idle current as a 60-watt lightbulb that is turned on 24/7.

Additional benefits

The Smart Strip features advanced circuitry that not only offers power surge protection and the ability to help reduce standby loss but also provides line noise filtering.

It is another small step that environmentally conscious consumers can take with regard to their energy use.

Did you know that Energy Star studies indicate that if every homeowner replaced all of his or her computer equipment with Energy Star-labeled computer equipment, it would save 219 billion pounds of greenhouse gases? While Energy Star does not yet offer a category for energy-saving power strips, by using the Smart Strip on an existing computer system, you will save energy and subsequently reduce your carbon footprint and greenhouse gas contribution. And you will help keep more computer components out of landfills because their life spans will be maximized.

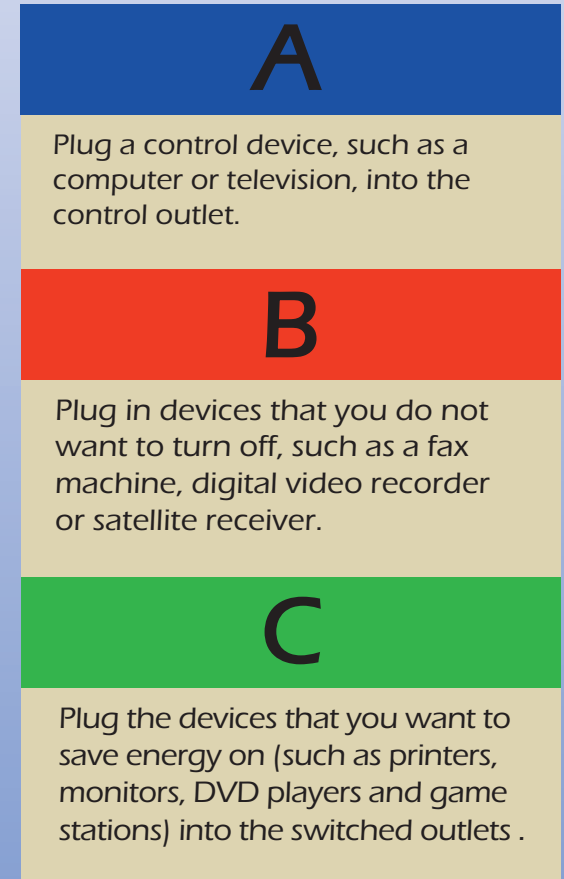
Smart Strip features

The Smart Strip has ten outlets. One is the control outlet. Three are constant hot outlets (for components that you may never want to power down, such as digital video recorders). The remaining six are automatically switched outlets. Fifteen amps of continuous power handling means that anything a standard wall outlet can handle, the Smart Strip can handle.

The strip features a red status indicator light that clearly shows when smart switching is active. The 45-degree-angled space saver plug is designed so it won’t block other wall outlets. The recessed, lighted power switch minimizes accidental switching (turning off the power strip accidentally by kicking it, for example). The power switch is also a 15-amp circuit breaker.

The Smart Strip can be used anywhere a regular

power strip is used. While only certain electronic devices (such as computers, monitors, fluorescent lamps, motors and electronic devices that have a high-efficiency power supply) will turn on the switched outlets, the four outlets that are always hot can be used just like a normal power strip. This allows you to automate certain repetitive tasks without any additional cost.



SMART IDEA: Smart Strip surge protectors offer added benefits like convenience and improved energy efficiency.

