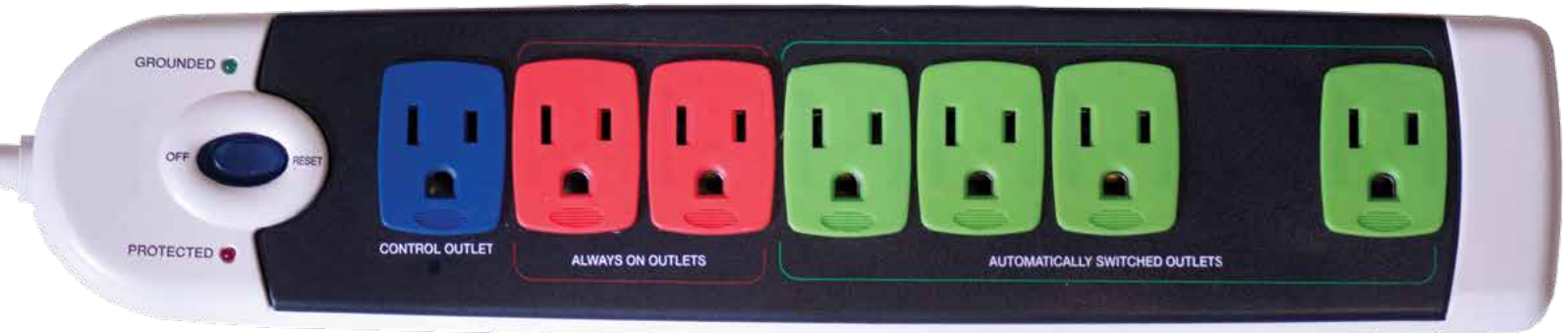


### Occupancy Sensing / Motion Controlled Power Strip

Outlets become energized when motion is detected and turns off when no activity is detected.

### Timer Controlled Power Strip

Automatically turns off based on preset schedules.



### Load Sensing Power Strip

#### Load Sensing Switched Outlet

- Use for secondary devices
- Monitor, speakers, printer, desk lamp
- Powers off once senses control outlet load reduction (control)

#### Control Outlet

- Use for main electronic devices
- CPUs, TV, projector, laptop
- Senses when load is reduced and will eliminate power to the switched outlets

#### Always On

- Requires constant power
- Clock, landline phone, fax machine
- Electronic devices connected here will always have power

# SMART POWER STRIPS



## OVERVIEW

Even when powered off, most electronic devices still consume power. Standard power strips are useful for controlling multiple outlets at once, but manually turn on and off. Smart power strips distribute power when needed and eliminate power when not in use. The U.S. General Services Administration monitored plug load consumption in an office setting and found energy savings of 48 percent in printer rooms and kitchens and 26 percent at workstations when using smart power strips.

## INCENTIVES

An incentive of **\$10 per power strip** is available for commercial customers for load sensing, occupancy sensing or timer controlled power strip devices (standard surge protectors do not qualify).

Incentive applies to electric plug load applications in commercial offices, such as computers, printers, desk lamps, radios and personal heaters.

Visit [idahopower.com/business](http://idahopower.com/business) for program details and requirements.

### Payback

The cost for a smart power strip is dependent on the amount of plugs and ranges from \$15 to \$50, with a median price of \$30. There is a simple payback, including incentive, of approximately 2 years or less.

### References

U.S. Department of Energy, Technical Specification for Advanced Power Strips. Retrieved on July 29, 2016 from [http://betterbuildingsolutioncenter.energy.gov/sites/default/files/attachments/Advanced\\_Technical\\_Power\\_Strips\\_FINAL%20040915\\_508.pdf](http://betterbuildingsolutioncenter.energy.gov/sites/default/files/attachments/Advanced_Technical_Power_Strips_FINAL%20040915_508.pdf)

National Renewable Energy Laboratory, Reducing Plug Loads in Office Spaces. Retrieved on July 29, 2016 from <http://www.nrel.gov/docs/fy14osti/60382.pdf>



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