Bring energy savings and sustainability to the desktop
Why keep plug loads operating when no one is there to use them? Isolé ends the energy waste by turning plug loads on and off based on occupancy.

The Isolé IDP-3050 consists of an eight-outlet power strip with surge protection and a personal occupancy sensor that utilizes the latest passive infrared (PIR) technology. When the sensor detects occupancy, it turns on controlled outlets. When the space becomes vacant, the sensor turns off these outlets automatically after the preset time delay expires.

Plug loads account for an increasing percentage of the total energy consumed by buildings—up to 15% in homes and 9% in commercial buildings. According to the EPA, “energy consumption by office equipment represents the fastest growing use of electricity in the country.”

How much energy can users save?
A single workspace can consume 1,500 kWh each year with an average cost of $175 (and growing)! Add up the cost of every workspace and the amount is staggering. Isolé can dramatically cut this cost with energy savings of up to 50%.
two uncontrolled outlets

LED indicators

on/off switch

six controlled outlets

sensor lens

LED
What Isolé users have to say

Works brilliantly, 06/19/2008
★★★★☆ Reviewer: Scott (San Francisco, CA)

I have a Watt Stopper sensor connected to my desk lamp at work... Whenever I leave, the lights turn off. When I return, they come back on. It took a little bit of adjusting to aim the sensor so it didn’t “see” other people, but now it works well and I can control the time delay (for those moments when I’m frozen in deep thought and still want light).

I actually wish I had this product so that my desk lamp and other things... would also turn off... Anyway, if I did it again, I’d just get this product instead of the other lamp control.

Accessed on 10/15/08 (www.terrapass.com)
New role for plug load controls in energy codes and sustainability programs

ASHRAE Standard 90.1-2004 mandates that a common plug load, task lighting, be considered as part of the Lighting Power Density calculations if uncontrolled but not if controlled by an automatic shutoff control device.

Many sustainable rating systems, including the U.S. Green Building Council’s LEED rating system, encourage plug load control as part of categories such as controllability of systems and optimizing energy performance. For LEED-NC v2.2 registered projects, plug load controls may contribute toward earning Innovation in Design credits as well as strengthening performance in Energy and Atmosphere (EA) Prerequisite 2.

With the adoption of LEED 2009, slated for 2009, plug load controls will become an integral part of meeting EA Prerequisite 2.

Saves energy and highly entertaining!, 05/20/2008

★★★★★ Reviewer: Pete [TerraPass staff]

Of the power strips we stock, this is the coolest yet. Basically, it turns stuff off when I leave my desk. I’m in a dark corner here at TerraPass so I often have a lamp with a CFL in it. Now the lamp, my monitor, and my phone all get turned off . . . . This thing is very cool. And everybody thinks I’m a magician!

Accessed on 10/15/08 (www.terrapass.com)
Isolé IDP-3050 Power Strip with Personal Sensor

Product Overview

Description
The Isolé IDP-3050 is an energy-saving control system that provides maximum surge and noise suppression while keeping plug load equipment off when there is no occupancy. It consists of an eight-outlet power strip and a personal occupancy sensor.

Operation
The IDP-3050 turns plug load devices on and off based on occupancy. The personal sensor connects to the eight-outlet power strip with the attached cable. The power strip contains six outlets controlled by occupancy and two outlets that are uncontrolled. The IDP-3050 automatically turns all controlled devices on when the workspace is occupied, and off when the workspace has been unoccupied for the user-defined time delay. Uncontrolled devices remain on regardless of occupancy.

Features

Power Strip
- Eight outlets; six controlled, two uncontrolled
- Surge and noise suppression protects desktop equipment
- Ground protected for safety; will not operate without a grounded outlet
- Two LEDs to indicate: 1) correct wiring and grounding; 2) surge protection is functioning
- Installation requires no hardwiring
- Flat offset plug for wire management
- One uncontrolled outlet and one controlled outlet are wall-transformer-enabled
- Plugs into a standard three-prong outlet

Surge Suppression
The power strip provides a high degree of surge suppression that protects connected equipment against threats like power surges, lightning strikes and voltage spikes. It features a resettable circuit breaker and two LEDs that indicate that the outlet is wired and grounded properly and the surge protection is functioning.

Application
The IDP-3050 is ideal for controlling task lighting and computer monitors. Additional devices for the controlled outlets include space heaters, fans and other equipment that can be turned off during unoccupied periods. Devices such as CPUs and fax machines should be plugged into the uncontrolled outlets. Applications include workstations, open office cubicles, offices and engineering stations.

Personal Sensor
- Uses latest passive infrared (PIR) technology to detect occupancy
- User-adjustable time delay of 30 seconds to 30 minutes
- Multi-level Fresnel lens for superior occupancy detection
- 120° coverage, up to 300 square feet
- ASIC technology reduces components and enhances reliability
- Instantaneous response time
Specifications

**Power Strip:**
- Electrical rating: 120VAC, 12A, 50/60 Hz
- 12A dry contact relay
- Six-foot black cord
- Transformer provides power to sensor
- Mounts with screws or double-sided tape
- UL 1449 rating: 400V
- Circuit: High-energy, multistage hybrid
- Noise filtration: 0-25db (94.38%)
- Joule rating: 740 joules
- Maximum surge amperage: 48,000 Amps
- Protection modes: 400V L-N, 400V L-G, 400V N-G
- Response time: instantaneous
- Let-through voltage: 140V
- Initial clamping voltage: 200V
- UL and CUL listed; five-year warranty

**Personal Sensor:**
- Nine-foot connector cable
- Supply voltage: 12 VDC
- UL and CUL listed; five-year warranty

Controls & Mounting

**Product Controls**
- Two uncontrolled outlets
- LED indicators
- On/off switch
- Six controlled outlets
- LED (blinks when occupancy detected)
- Occupancy sensor lens

**Personal Sensor Mounting**
- Double-sided tape or self-taping screw
- Sensor mounts under desk or binder bin with double-sided tape or self-taping screw

Coverage

**Side Coverage**

**Overhead Coverage**

Ordering Information

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>IDP-3050-A</td>
<td>Eight-outlet power strip with personal sensor</td>
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<tr>
<td>DI-110</td>
<td>Auto-on personal sensor</td>
</tr>
<tr>
<td>CK1-1</td>
<td>20' extension cable w/single 1-1 connector (for single sensor and power strip)</td>
</tr>
<tr>
<td>CK1-2</td>
<td>Two 10' extension cables w/duplex 1-2 connector (for multiple sensors and/or power strips)</td>
</tr>
</tbody>
</table>

Products are dark grey
Watt Stopper/Legrand Resources & Tools

**CAD Resource Center**
- Over 300 CAD drawings from which to choose
- Wiring diagrams you can place in your own CAD drawings
- Available at www.wattstopper.com

**Support & Services**
- Layout and design services
- Commission and start-up services
- District managers, trained representatives and experts available to answer all technical questions

**Continuing Education**
- Courses throughout North America qualify for AIA/CES Health, Safety and Welfare (HSW) credit and NCQLP Lighting Education Units (LEUs)
- In-person and on-line events
- Course selection available at www.wattstopper.com

**Product Selection Guide**
- Compilation of product ordering information, cut sheets, design and application assistance

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