modlet® User Guide

thinkeco

Why use a modlet?

Homes and offices now have more plugged-in devices than ever before, and the number is growing. These plugged-in devices make up 50% of home electricity bills and more than 20% of commercial energy bills! And much of this energy consumption occurs when devices are unused or off.

A cable box uses almost as much energy when it's off as when it's on. So what's the point of the "off" button then?

The modlet helps you take control of your plug load energy consumption by allowing you to see how much energy each device consumes and then automatically schedule when devices are on or off. Implementing schedules with the modlet system is easy and your savings are clearly displayed via ThinkEco's Web app – which is accessible through your computer or mobile device.
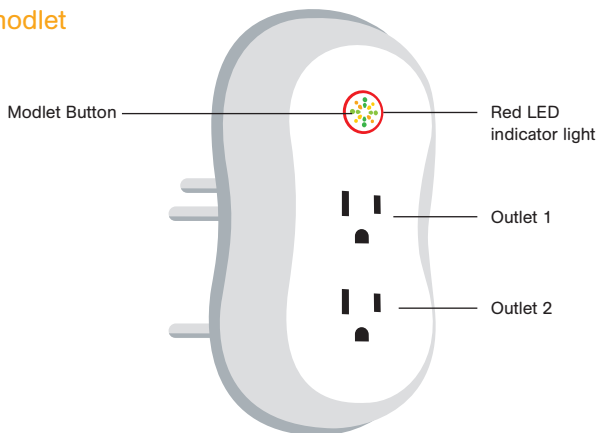
Start saving now!

For more information on how the modlet saves you energy, visit our website: www.themodlet.com

Hardware

modlet

Modlet Button —————————————— Red LED
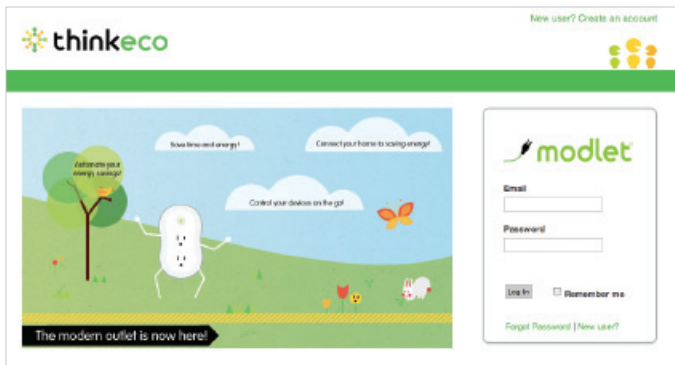indicator light

——— Outlet 1

——— Outlet 2

USB receiver

The modlet plugs directly into any dual socket 3-pin outlet. The modlet's integrated intelligence tracks energy consumption and wirelessly transmits the data to your computer through the USB receiver.
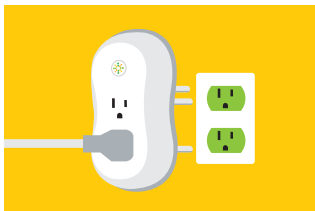
Quick setup

1. Software

Go to **www.mymodlet.com** to create an account and begin the installation. Enter the registration key found on the inside cover of the modlet box. Create a user profile and then download and save the installer to your desktop. Double click on the installer icon to begin the wizard and follow the onscreen instructions. If required to reboot during the process, click back on the ThinkEco Installer to continue the installation.

2. Hardware

Plug your USB receiver into your computer when prompted by the Installer. Depending on your computer, you may see some 'found new hardware' or 'install new hardware' prompts. If so, be sure to accept all of them. If the USB receiver is not found on your first try, reinsert into the USB slot and push it in all the way.

Turn off and unplug the electronic device closest to your computer that you want to monitor. Click 'Search' on the Installer first, then plug the modlet into the outlet. The spinning LED light will stop when your modlet joins the network. Plug your electronic device back into the modlet and complete the set up on the Installer.

3. Monitor & Control

Finish setting up your account and then start viewing your energy consumption through the **Energy Usage tab**. Keep in mind that it may take a few minutes after setting up your modlet to begin seeing data. To set a schedule, visit the **Savings Plan tab** to control when your devices are on and off. Please note, during the initial baseline period scheduling is not available.

To view your account from any computer simply visit **www.mymodlet.com** or download the ThinkEco App for Android or iPhone.

4. Optional - Add more modlets

More modlets can be added at any time. To do so, right click on the ThinkEco Icon in your computer tray and select **Open Modlet Manager**. Then click the **Add Modlet** button first, and then plug your next modlet into an outlet so it can join the network. To build robust wireless networks, it's best to work your way outward from your PC.

Troubleshooting

If you are connected to the internet and logged into your account, but you're not seeing the latest data, try these tips.

1. Check USB
- Make sure your USB receiver is plugged in all the way.
- Next unplug it and then plug it back into your computer.
- Check the status of your USB by clicking on the **Modlet Network** link in the top right of your screen and then clicking on **USB Receiver**.

2. Be patient
- When you first set up your network, or if your computer has been off for a while, the data may take a few minutes to load onto the interface. Check back in 15 minutes.

3. Refresh
- Try hitting the refresh button on the Energy Usage tab or your browser.

4. Verify parameters
- Check the variables you selected for the graph: does the start and end date match when you plugged in your modlet?
- Do you have at least one device selected? Click on the name of the devices you want to graph or select all to see total energy consumption.

5. Check devices
- Check the status of your devices on the energy usage tab. A green light next to your device means it has reported data to your computer in the last 24 hours.
- If the light is red, first unplug and re-plug in your USB receiver. Next, verify your devices are labeled correctly and assigned to the correct outlet by clicking **Modlet Network** and then **Modlets**.

For more troubleshooting information, call the modlet tech support center at 1-800-682-0152.

Software tips

1. Energy Usage

Displays total power consumption for all devices as well as individual power traces for up to 5 devices at a time.

Customize the time period displayed on the graph

View up to 5 individual power traces as separate lines or the total power consumption for more than 5 devices

Click and drag your mouse across a section of the graph to zoom in

Export current data displayed to a file for more analysis

Click on the names of one or more devices to display their consumption on the graph

2. Savings Plans

Allows you to set up schedules for turning devices on and off. Choose from a template plan or create your own custom plan. This feature is available after the initial two-week baseline period.*

You can create more than one plan – such as one for week-days and one for weekends

View an overview of the schedules planned for today

Create a plan for as little as one day or for many years

Select days and times for your device to turn on

Select which devices the plan applies to. You can create a separate plan for each device

*The default setting for the baseline period is the first two weeks after you set up your modlets. The baseline period monitors the typical energy consumption of your devices. This information helps you create plans and calculate savings.

3. Summary

View total energy consumed and saved for all the devices in your Modlet Network.

View savings by week, month, or year

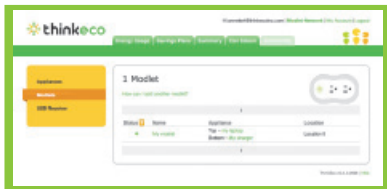Baseline is the two-week period after you first set up your modlet. It monitors normal energy consumption before schedules are implemented

Savings calculated based on difference between energy consumed before and after baseline period since the modlets have been plugged in

4. Modlet Network

Check the status of your Modlet Network (modlets, USB receiver and devices) and add new devices to your network.

ThinkEco modlet™

Thank you for purchasing your new modlet™!
For more information about your modlet™ please visit www.thinkeco.com. Please read all user guides/manuals provided to you (in both paper and electronic form) including in the software downloaded in connection with the usage of this device and all operating and safety instructions. If you fail to do so this product may not function properly and may lead to damage to the product and to other danger.

Specifications
- Electrical Rating: 125V,15A/60Hz/1875W
- Operation Power Consumption: 0.3W

Important Safety Information:
Use indoors in a dry location.
Do not use this product in connection with critical care equipment (i.e. life-support systems).
Contains non-user serviceable parts; do not open.
This is a live AC outlet, even when the Modlet is in an "off scheduled mode".
This product is not a toy. Do not allow children to operate it.
Not intended for use with loads rated above 15 Amps
Do not "daisy-chain" the Modlet. Only plug the Modlet into a duplex outlet or a grounded extension cord rated 15 Amps or higher.
In an over current condition or if the Modlet is plugged into an old and/or damaged socket the Modlet and socket temperature may increase substantially. Unplug the Modlet and appliances immediately and discontinue use. You should contact a qualified electrician to inspect and/or replace the outlet. Connecting a Modlet to an improperly grounded outlet will void all warranties.
UL 916/4989/94 listed

Regulatory Information: Installation and use of this device must be in strict accordance with the instructions included in the user documentation provided with the product or at www.thinkeco.com. Any changes or modifications made to this device that are not expressly approved by the manufacturer may void the user's authority to operate the equipment. ThinkEco will assume no liability for any damage or violation of government regulations arising from failing to comply with these guidelines.

Note: USA-FCC (Federal Communications Commission) statement
This device complies with Part 15 of FCC Rules.
Operation is subject to the following two conditions:
1. This device may not cause interference, and
2. This device must accept any interference, including interference that may cause undesired operation of this device.

Note: FCC Interference Statement
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.
This equipment generates, uses, and can radiate radio frequency energy. If not installed and used in accordance with the instructions, it 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 off and on, the user is encouraged to try and correct the interference by one or more of the following measures:
1. Reorient or relocate the receiving antenna.
2. Increase the distance between the equipment and the receiver.
3. Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio/TV technician for help.

LIMITED ONE (1) YEAR WARRANTY
Warranty: ThinkEco warrants that the Modlet(s) will be free from defects in material and workmanship and perform to ThinkEco's applicable published specifications for a period of one (1) year from date of delivery to you. The liability of ThinkEco hereunder shall be limited to replacing or repairing, at its option, any defective Modlet(s) which are returned F.O.B. ThinkEco's address set forth below (or, at ThinkEco's option, refunding the purchase price of such Modlet(s)). In no case are Modlets to be returned without first obtaining permission and a return order number from ThinkEco. You are responsible for the cost of shipment of the defective Modlet to ThinkEco, and ThinkEco is responsible for the cost of shipment of a replacement Modlet to you. In the event you send a Modlet back to ThinkEco, and the Modlet is not defective, ThinkEco reserves the right to charge you a fee associated with shipping and handling of such Modlet.

Replacement Modlets: Replacement Modlets are warranted by ThinkEco pursuant to the warranty set forth above for the longer of (i) thirty (30) days; or (ii) the remaining warranty period for the original Modlet. The replacement Modlet may be refurbished and/or contain refurbished parts.

The following are not covered by this warranty: (i) Modlets which have been subject to abuse, misuse, accident, alteration, neglect, unauthorized repair or installation, Acts of God, power surge, wear and tear, mishandling, misapplication, or other causes unrelated to defective materials or workmanship; and (ii) any damages and/or viruses caused by use of a third party device in conjunction with the Modlets. You are responsible for determining if a third party device used in conjunction with the Modlet is suitable for such use and ThinkEco is not liable, and this warranty does not cover, any damages caused by, or to, any third party device. ThinkEco will make the final determination as to the existence and cause of any alleged defect. No warranty is made with respect to any custom equipment or goods produced to your specifications except as specifically stated in writing by ThinkEco in the contract for such custom goods.

Disclaimer & Limitation of Liability: EXCEPT AS EXPRESSLY PROVIDED ABOVE, THINKECO MAKES NO, AND HEREBY DISCLAIMS ALL OTHER, WARRANTIES, EXPRESS, STATUTORY, OR IMPLIED, INCLUDING ANY WARRANTY OF NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT WILL THINKECO BE LIABLE TO YOU OR ANY THIRD PARTY FOR ANY LOST PROFITS, USE OF USER INFORMATION, LOSS OF DATA, BUSINESS INTERRUPTION, OR OTHER INDIRECT, CONSEQUENTIAL, SPECIAL, OR INCIDENTAL DAMAGES OF ANY NATURE ARISING FROM OR RELATING TO YOUR USE OF THE MODLET, EVEN IF THINKECO HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. IN NO EVENT WILL THINKECO'S TOTAL CUMULATIVE LIABILITY TO YOU, FOR ANY AND ALL CLAIMS UNDER ANY THEORY OF LAW, EXCEED THE ORIGINAL PURCHASE PRICE OF HE MODLET IN QUESTION.

To contact ThinkEco regarding this Limited Warranty, please call ThinkEco at 1-800-682-0152.

Features

modlet
- Two intelligent outlets (120V, 15A)
- Built-in surge protection
- Plugs into standard 3-prong outlets
- Wirelessly communicates directly to your computer

Wireless USB receiver
- Networks 10+ modlets

Smart control features
- See power use at each outlet
- Schedule times for outlets to provide power
- Track savings in $, kWh and CO_2
- Receive alerts based on user preference
- Access on the go via smart phone apps

modlet LED light The LED light indicates the current state of the modlet. Use this quick reference to get to know your modlet.		
	Light off	Normal operation. Nothing abornomal to report!
	Solid Red	Safety Feature - circuit is overloaded. The devices are drawing more than 15 amps or 1850 watts. Unplug one or more devices first, then give the modlet button a short push to put it back into operation
	Blinks 1x/second	The modlet's schedules are temporarily turned off. They will automatically restart after 12 hours or give the modlet button a short push to resume schedules immediately.
	Spinning	The modlet is looking for a network to join. This is normal when you first plug in your modlet. If it happens at any other time, it means its been accidentally reset.

Assembled in the USA