



BERT ELIMINATES WASTED ENERGY!

Saves up to 35% of your energy costs*.

Computers, copiers, printers, fax's, vending machines, microwaves, shredders, water coolers, signage, coffee makers, TV's, electronic devices, and lighting all leak energy in "stand-by" or off mode. Powering down these machines automatically during late night hours can save as much as \$200 per machine per year without replacing existing equipment. BERT itself draws virtually no wattage (1 microwatt).



Biz Hub:
SAVE 354.8 kWh
per Hub



Vending Machine:
SAVE 1,168 kWh
per Machine



HDTV:
SAVE 821.25 kWh
per TV



Coffee Maker:
SAVE 157.68 kWh
per Coffee Maker



Water Cooler:
SAVE 175.2 kWh
per Cooler



Building Automation:
SAVE Millions of kWh

Executive Summary

FEATURES	BENEFITS
Wirelessly turns lights and equipment on and off on a pre-programmed schedule.	Avoids human forgetfulness
Completely eliminates costly energy drain when equipment is in standby or off mode.	Significant energy savings. Pays for itself in 6 to 12 months
Easily programmed from a PC.	Quick, convenient and precise control
Three versions of control software available.	Extreme flexibility
Can be overridden manually when necessary	Covers any non-programmed change
A valuable addition to Energy Star or other EPA partnership programs	BERT is "Green". Saves energy, saves carbon and measurably saves costs.

Frequently Asked Questions

What happens to BERT in a power outage?	BERT and its stored schedules are not affected, operation will resume when power is restored.
Can BERT be administered in a group?	Yes, in as many groups as you need.
How does BERT differ from a timer?	BERT provides for more on/off capabilities, allows an administrator to program and re-program in far less time with one or two keystrokes.
Can BERT handle changes from Standard to Daylight Savings time.	Yes, automatically.
How does BERT work?	BERT obtains its own IP address and is capable of 2-way communication.
Will BERT have any relatives?	You bet, a 220 volt unit and other variations will be introduced soon.
Is BERT patented?	On its way. The patent is pending, offering legal protection now.
Where can I get BERT?	FROM YOUR LOCAL AUTHORIZED ELECTRICAL DISTRIBUTOR.
Does BERT have a warranty?	Yes, a 1 year warranty.

110 Specifications

FEATURES	DESCRIPTION
Dimensions	3.75"W x 3.75"H x 2.0"Deep
Weight	4.2 oz.
Operating Voltage	115VAC
Max Load Current	15A
# Load Outlets	1
Load Plug Orientation	In line with outlet
Push Button	Holding for 6 seconds turns on device until turned OFF via command or schedule
LED	ON indicates power & device OK
Approved	UL and FCC Certifications
Operating Environment	Indoor use
Operation	1. Windows based PC 2. Multi-user controllable 3. Manual override with button directly on BERT plug
Communication	802.11 (Wi-Fi) b/g compatible
Protocol	UDP
Security	802.11 (WPA2-PSK) (WEP)
Certifications	UL approved, ROHS compliant, FCC certified



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Meet Bert.
Your **energy** control freak.



* Savings are yearly averages based on devices being "off" with BERT 8-10 hrs/day.



ENERGY CONTROL. BERT KEEPS IT SIMPLE & EASY.

BERT is a wireless smart plug with a programmable on/off schedule, providing extraordinary ability to cut energy costs.

Here's how easy it is to operate BERT:

1. Plug BERT in to an existing 115 vac receptacle.
2. Plug the appliance into BERT.
3. Download BERT software and program up to 100 commands per week from your PC.
4. Single users can control up to 50 BERTs from one PC. Multiple users can control up to 10,000 BERTs from many PC's.
5. BERT installs easily on your own existing Wi-Fi network.

The EPA estimates that 30% of energy usage in commercial buildings is used inefficiently or unnecessarily. BERT fixes all that.

BERT provides 24 hour wireless control over one or multiple pieces of your organization's equipment, quickly and easily turning the equipment "on" or "off" via a programmed schedule or on command from a computer. With a capacity of taking 100 different command settings a week, BERT can handle both normal operational schedules and unique off-hour demands. BERT's software program can operate up to 10,000 BERTs simultaneously. An override button on BERT turns power "on" if needed. BERT can also control a power strip. In

addition, BERT completely eliminates stand-by power leakage, so your energy usage is always under control. BERT's unique software has administrative hierarchy control for maximum end-user flexibility.

Bert Lets You Know What You Are Saving!

BERT software tracks system activity, allowing administrators to track usage and estimated energy and carbon savings. Savings are measurable and considerable.



BERT gives you ultimate flexibility & control.

BERT can control the energy usage of just one piece of equipment, or a floor filled with equipment, or even a building full of equipment, just with a couple of keystrokes on your computer.

BERT's low initial cost pays for itself in most installations in 6 to 12 months, and keeps the savings coming.

*Let Bert Do The Math!
Estimate your potential energy saving per year here.*

1. Select the items you would like to connect to BERT.
2. Multiply the Watt Savings in column 2 by the expected number of hours per day the items will be turned off, in column 3.
3. Then multiply that total by the number of each item.
4. Now, multiply that total by 365 to give you a yearly total of your energy savings per item.

ITEM DESCRIPTION	AVERAGE WATT SAVINGS	AVERAGE HOURS OFF PER DAY	NUMBER OF DEVICES	$\text{Multiply total by 365 for ANNUAL ENERGY SAVINGS (Watt Hours)}$
Area lighting	60			
Postage machine	36			
Vending machine	400			
Water fountain (cooled)	60			
Workstation (computer, printer)	33			
Workstation (laptop, printer, monitor)	36			
Computer (monitor only)	65			
Battery chargers	20			
Shredder	30			
Entertainment center (TV, game, DVD)	81			
Copier	5.26			
LCD TV on	225			
<i>Total</i>				

Energy rate assumption: _____ cents per kWh



Made in USA
UL and FCC Approved