



# Sustainable Products

At Best Buy, we are committed to providing our customers with a wide assortment of sustainable products. This includes offering a large selection of energy-efficient products, and “Connected Home” products, as a smart home is a more sustainable home.

## **ENERGY STAR G4-EN7, EN27**

At Best Buy, we offer a large selection of ENERGY STAR® certified products to help our customers save money, reduce energy use and protect the environment by meeting strict energy guidelines set by the U.S. Environmental Protection Agency (EPA) and the U.S. Department of Energy. Our U.S. customers purchased more than 19 million ENERGY STAR certified products in fiscal year 2016 and realized utility bill savings of more than \$40 million<sup>1</sup>. This energy savings equates to more than 515 million pounds of CO<sub>2</sub> emissions avoidance<sup>2</sup>, or the equivalent of removing nearly 50,000 cars from the road<sup>3</sup>. Learn more about U.S. ENERGY STAR certified products at [BestBuy.com/ENERGYSTAR](http://BestBuy.com/ENERGYSTAR).

Since their launch in 2008, Best Buy's exclusive **Blue Label laptops** have changed the dynamic of how laptops are designed. Each generation brings insights from Best Buy customers and employees into desired features, styling and performance. These are translated into product specifications for further development by our leading computing partners. The resulting laptops are offered exclusively at Best Buy stores and online. In fiscal year 2016, all of our Blue Label laptops met ENERGY STAR certification criteria. Moving forward, ENERGY STAR certification is required for all Blue Label laptops.

The EPA has named Best Buy a Retail Partner of the Year for the third consecutive year. This is the first year we received the Sustained Excellence designation. This award is based on our outstanding marketing and customer education of the benefits of ENERGY STAR certified products. We trained more than 100,000 Blue Shirts over the last seven years on the benefits of ENERGY STAR certified products. We also educated customers about ENERGY STAR both in store and online. The ENERGY STAR logo is featured on all appliance fact tags in store and our Best Buy ENERGY STAR video plays on in-store televisions throughout the year.

## **EPEAT**

In addition to ENERGY STAR, which focuses on the customer-use phase, we identify, mark and promote EPEAT® products for our business customers. These products are rated on more than 50 environmental-performance criteria regarding design, production, energy use, product longevity and recyclability – with ongoing, independent verification of manufacturer claims. Materials used in TVs, computers and printers contain reduced amounts of hazardous materials, such as mercury and lead. Best Buy customers purchased more than 3 million EPEAT-registered products, which collectively helped prevent the generation of hazardous materials equivalent to the weight of 35,000 refrigerators<sup>4</sup>.

1. Savings based on Best Buy's fiscal year 2016 sales and the difference in U.S. Environmental Protection Agency's ENERGY STAR Program data regarding annual unit energy consumption between non-ENERGY STAR certified products and ENERGY STAR certified products. Electricity rate is \$0.121/kWh.

2. Savings based on Best Buy's fiscal year 2016 sales and the difference in U.S. Environmental Protection Agency's ENERGY STAR Program data regarding annual unit energy consumption between non-ENERGY STAR certified products and ENERGY STAR certified products. Emissions factors are 1.53 pounds CO<sub>2</sub>/kWh and 117.29 pounds CO<sub>2</sub>/MBtu.

3. Savings based on Best Buy's fiscal year 2016 sales and the difference in U.S. Environmental Protection Agency's ENERGY STAR Program data regarding annual unit energy consumption between non-ENERGY STAR certified products and ENERGY STAR certified products. Emissions factors are 1.53 pounds CO<sub>2</sub>/kWh, 117.29 pounds CO<sub>2</sub>/MBtu, and 10,472 pounds CO<sub>2</sub>/car/year.

4. Savings based on Best Buy's fiscal year 2016 sales of EPEAT registered desktop computers, computer displays, notebook computers, printers and multi-function devices compared to non-EPEAT registered equipment, calculated using the U.S. EPA Electronics Environmental Benefits Calculator Computer v 4 and Electronics Environmental Benefits Calculator Imaging Equipment v 1. Savings result from avoiding the use of toxic materials such as lead in printed circuit boards and mercury in light sources, which require special handling and treatment at the end of the product life.

## Connected Home Products

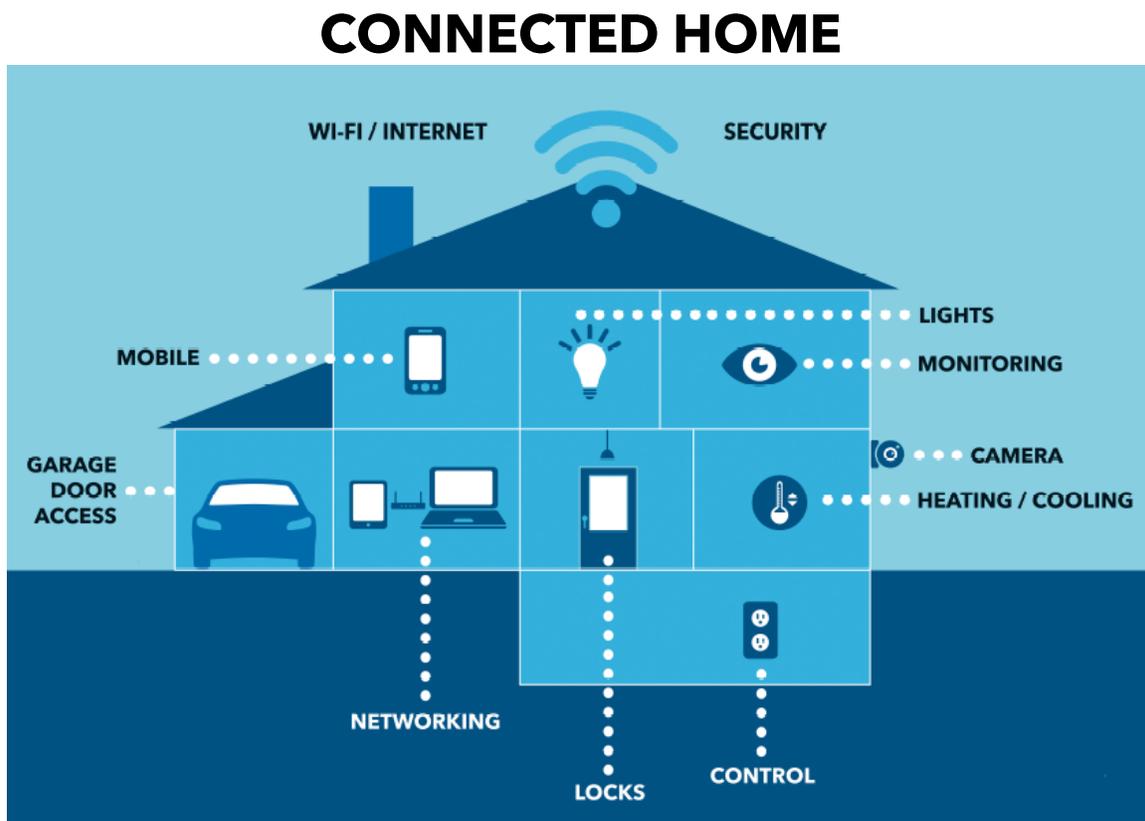
A growing category for Best Buy, called Connected Home, features smart devices that automate functions in a home. These products not only make our customers' lives easier and provide peace of mind, but many also deliver environmental benefits. Examples include:

**Smart Thermostats** – They save money and energy while improving the comfort of customers' homes. These devices are "smart" because they are able to observe patterns and make adjustments such as turning off when the house is empty and dynamically building a profile based on actual household schedule, not pre-programmed inputs. Optimized performance not only reduces utility bills, it extends the lifespan of the home's heating and cooling equipment.

**Smart Lighting** – LED light bulbs are more energy efficient, contain fewer hazardous chemicals and last longer than a traditional bulb. Smart lighting systems provide even more power reduction options such as remote access and geo-fencing technology.

**Smart Irrigation** – Select Best Buy stores now carry a Wi-Fi enabled irrigation control that utilizes real-time weather data and analytics to use less water while maintaining a healthy yard. The system can conserve 15 to 40 percent of water – that's thousands of gallons of water per year, per household, which is especially relevant in parts of the U.S. where water scarcity is an issue.

**Energy Tracking** – Another energy-saving product that can be found at Best Buy stores is a home energy meter, which helps customers monitor electricity consumption real-time from a smartphone. This product can help identify the products in a home that are using an excessive amount of energy.



## Solar Panels

Another way we help customers live more sustainable lives is by helping them utilize renewable energy, in the form of solar panels. More than 250 of our stores in 18 states have representatives from solar panel vendors who are available to educate customers on the benefits of using solar panels and help facilitate installation. Through this relationship that began in 2014, SolarCity has installed systems on more than 5,000 Best Buy customers' homes. The in-store solar experts can quickly use satellite imagery to assess the solar power potential in a customer's home, making the switch easy. Solar panels can be leased, installed and in-use within weeks.



## Chemicals in Products

Over the past several years, there has been heightened awareness about potentially hazardous chemicals in products. At Best Buy, we are actively working to protect our consumers through safer alternatives or by eliminating potentially harmful chemicals.

### Green Chemistry & Commerce Council

Another important way we are addressing chemicals is through joining the Green Chemistry & Commerce Council (GC3), a business-to-business forum that works collaboratively to accelerate the application of green chemistry across industry sectors and supply chains.

We are a member of the Retail Leadership Council (RLC), where we collaborate with peer companies to promote safer chemicals, materials and products. The RLC is composed of a select group of retail leaders who are working proactively to:

- Understand what chemicals are in our products
- Develop chemicals policies
- Engage our suppliers in improving chemical management
- Identify and implement safer alternatives to chemicals of concern
- Educate our customers

In fiscal year 2016, through the RLC, we participated in a joint statement on using green chemistry and safer alternatives to advance sustainable products: <http://www.greenchemistryandcommerce.org/documents/RLC-JointStatement.pdf>

Thus far, our approach to chemicals in products has come to life on a project basis. Moving forward, we plan to incorporate the work into our ISO 14001-certified Environmental Management System.