



## SolarTech Power Solutions

# Does the outdoor power supply consume electricity even when not in use

50KW modular power converter



### Flexible Configuration

- Modular Design, Expanding as Required
- Small&Light, Wall Mounted
- Installed in Parallel for Expansion



### Powerful Function

- Support PV+ESS
- Grid Support, Equipped with SVG Technology
- On-Grid and Off-Grid Operation



### Reliable Protection

- Outdoor IP65 Design
- Sufficient Protection Functions Equipped

## Overview

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Yes, inverters can consume a small amount of power even when they are not actively powering any devices. This phenomenon is often referred to as “phantom load” or “standby power consumption.” Do electrical appliances consume more energy when not in use?

A survey of electrical appliances conducted in 2005 by Energy Efficient Strategies (EES), an Australian energy policy and planning consultant (archived), broke down the specific energy consumption of devices when not in use. The survey compared consumption by devices across a range of modes, namely on, active standby, passive standby and off.

Does a plugged-in device consume electricity?

Many people assume that a plugged-in device, when not in use, will not consume electricity. If it does not “work,” then it should not consume electricity either, right?

Many devices, such as a table lamp or radio, are turned off, but not all devices.

Does a plugged-in appliance use electricity if turned off?

Yes and no. Recommended Video for you: If An Appliance Is Plugged In But Turned Off, Does It Still Use Electricity?

Many people assume that a plugged-in device, when not in use, will not consume electricity. If it does not “work,” then it should not consume electricity either, right?

How do I know if my power supply is energy efficient?

Another good thing to do is to look for the Energy Star label on many products, which certifies that they are energy-efficient and do not draw

phantom power; this certification is available for chargers and transformers, two of the main culprits of energy waste.

Can unplugging appliances save electricity?

The U.S. Department of Energy says the practice could save people from "energy vampires." Unplugging appliances and electronics when not in use saves electricity. As a general practice, unplugging devices when not in use can help save electricity because nearly all household appliances continue to draw power when in standby or off modes.

Does unplugging a device save energy?

In short, it's mostly true that devices when not in use can save energy. As a general practice, unplugging household electronics instead of just turning them off saves electricity. It is worth noting, though, that not every device draws power when in off mode, and not every device should be unplugged — more on this below.

## Does the outdoor power supply consume electricity even when not in use?

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### Contact Us

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