

# Powerharvester™ Modules

*An energy receiver for far-field and ambient wireless power applications.*

Powercast's Powerharvester Module can harvest widely available, and previously unused, wireless energy signals to power periodic operation devices and rechargeable batteries.

■ **Integrate with ease:**

A compact module design enables easy integration into existing devices.

■ **Tailor to specific frequency needs:**

Achieve the greatest flexibility with a frequency agnostic solution.

■ **Explore renewable energy possibilities:**

Combine with the Powercaster™ Modules to explore wireless power as a renewable energy source for rechargeable batteries, and other energy storage devices.



Powercast is a leader in true wireless power with the ability to develop renewable energy harvesting systems for a new class of defense, industrial and commercial electronic devices.

With over 100 patents filed worldwide since 2003, Powercast brings an unmatched market presence to wirelessly powered sensors, battery recharging, and low wattage lighting.

**Powercast features three patented Powerharvester Modules that have been configured for the most common use case scenarios.**



*Powerharvester Module P1200 pictured with U.S. quarter to demonstrate size ratio.*

### Features:

- Low power consumption
- High conversion efficiency
- Wide efficiency range
- Compact design
- Over voltage protection
- Configurable output voltage

### Applications:

- Battery recharging
- Low power wireless sensors
- Battery free sensors
- Low wattage lighting

## Resources:

Powercast offers a variety resources to support the growing community of engineers interested in learning more about wireless power.

- **Lifetime Power™ Evaluation and Development Kit**
- **Technical Support Forums**
- **Online Store for Materials**
- **Design Center for Prototype Assistance**
- **Fee Based Consulting Services**