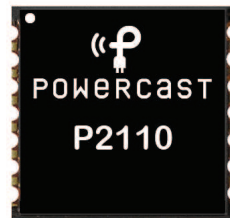


# Powerharvester® Receivers

*Wireless power components for converting RF energy to DC power*

Powerharvester Receivers can harvest directed or ambient RF energy and convert it to DC power for remotely recharging batteries or battery-free devices.



Powercast is the leader in far-field wireless power based on common radio waves. Proven technology... unmatched performance... Powercast enables a new class of low-power electronic devices.

## ■ P1110 Powerharvester Receiver

- Designed for battery charging and direct power applications.
- Harvesting range from 850-950MHz.
- Works with standard 50-ohm antennas.
- Configurable overvoltage protection up to 4.2V.
- Connect directly to rechargeable batteries including Alkaline, Lithium Ion, and Ni-MH.

## ■ P2110 Powerharvester Receiver

- Designed for charging capacitors in battery-free devices, or energy cells with high input impedance.
- Provides intermittent / pulsed power output.
- Harvesting range from 850-950 MHz.
- Works with standard 50-ohm antennas.
- Configurable, regulated output voltage up to 5.25V.
- Power management and control I/O for system optimization.

## ■ Applications:

- Contactless battery charging
- Remote battery charging
- Battery-free wireless sensors
- Low-power displays
- Data logging
- Embedded micro-power
- Many more...

## ■ Industries

- Building Automation
- HVAC control
- Energy Management
- Security / Access Control
- Asset Tracking
- Defense
- Structural Monitoring
- Many more...