

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.

■ P2110B 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 5.5V.
- 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...

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