INFRATRONIC · POWER MONITORING

Powy Core.

Temperature and voltage outage sensor

Powy Core is the essential power monitoring device for your home and office. It plugs directly into any standard mains outlet and sends instant notifications to your phone when the power goes out or is restored, so you are always in the loop.



- Temperature sensing
- Power outage detection
- NB-IoT connectivity
- Backup power

Key features.

01 Instant power notifications

Real-time alerts on your smartphone via cellular connectivity when the power goes out or comes back on.

02 Temperature monitoring

Set your own temperature limits in the app, anywhere between −20°C and 70°C. You get an alert as soon as the temperature goes outside them.

03 Easy installation

Simply plug Powy Core into any mains outlet. No complex setup, Wi-Fi or additional wiring required.

04 Cellular connectivity

Powy Core uses a reliable cellular network to send notifications, so alerts reach you even when the internet is down.

05 Backup power

A built-in backup power source makes sure Powy Core can still send a notification when the power fails.

06 Alarm buzzer

The onboard buzzer sounds an alarm when the power goes out, an immediate audible alert that also helps prevent theft of the device.

07 Sleek and discreet design

With its compact size and modern design, Powy Core blends into any home or office.

08 Versatile use cases

For homeowners, renters, small business owners and facility managers who need to monitor power for critical devices.

Specifications.

Dimensions	90 × 50 × 25 mm
Weight	50 grams
Mounting	Plugs into any standard mains outlet
Temperature alarm	Adjustable in the app, from −20°C to 70°C (−4°F to 158°F)
Connectivity	Cellular (NB-IoT), no Wi-Fi needed
Backup power	Rechargeable supercapacitor, unlimited charge cycles
Compatibility	Works with any smartphone (Android or iOS)
Operating voltage	90–240 V AC, 50/60 Hz
Operating power	150 mW

Key benefits

- Immediate visibility of temperature deviations
- Reliable outage notification for equipment and sites
- Simple deployment with plug-in installation
- Low-maintenance remote monitoring solution
- Helps protect temperature-sensitive assets
- Supports proactive maintenance and response

Typical applications

- Refrigeration and cold-chain monitoring
- Technical rooms and utility cabinets
- Building and facility monitoring
- Critical equipment power supervision
- Remote site monitoring



Interested in Powy Core?

Want to order Powy Core or need more information? Get in touch and we will get back to you as soon as possible.

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