



Data sheet



- Transponder for electric meters
- Data transmission through SIGFOX network
- Up to 15 years of autonomy
- Bidirectional communications
- Cover up to 15 Km

Telenet Power is a ready to use radio transmitter with out-of-the-box connectivity, which transmits electrical energy data measured by any electric meter, Monophase and Triphase. Telenet Power measures both Active and Reactive Power absorbed by the load.

Main Product Characteristics:

- Real time reading and data transmission
- Compact and easy to be installed
- Double input for Active and Reactive energy measurement or for two electric meters
- Power alert notifications on power limits
- Peak power detection and notification
- Universal, compatible with all power meters
- Low energy consumptions
- Sensor firmware and interface totally customizable

Performances

- RF Sensitivity: -150 dBm
- Range: up to 15km

Features

- Active and Reactive Power measurement
- Remote alarm scheduling and threshold configuration

Firmware

- SIGFOX network protocol
- Transmission: up to 144 messages per day
- AES128 Encryption

Consumptions

- Operating voltage: 3.6V
- Power supply: Li-SOCL2 high-capacity battery
- Battery Lifespan: up to 15 years

General information

- Operating temperature: -20C°/+55C°
- 1 minute long integrated mounting solution
- Dimensions: 117.24x79x24 mm
- IP protection class: IP54
- Standards: EN 300-220, EN 301-489, EN 60950

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