

# User

# Manual

**TELENETPOWER INSTALATION AND  
CONFIGURATION**

**VERSION 1.1 2017**



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<<Check that all the material is inside the box>>

## Before starting

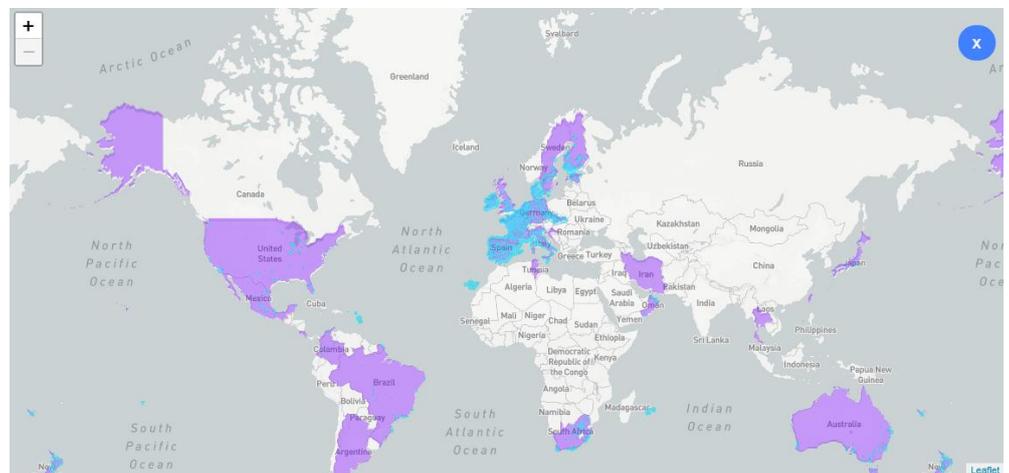
Before starting to assemble the Telenet Power, these two small steps must be carried out:

1. Check that these two objects are present.



+ [Figure Stickers ]

2. Ensure through the specific Sigfox platform (<https://www.sigfox.com/en/coverage>) of the real coverage of the service in the area of interest.



<<<Make sure  
the device is in  
an area covered  
by the signal>>

## Device registration

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This part of the manual illustrates the procedure to register our device on the Sigfox platform and subsequently activate it.

1. Load the device on the Sigfox platform (<https://partners.sigfox.com/>) with the **ID** and **PAC** identification codes made available by the supplier.
2. Search on the platform in the **device section**, the ID of the device in question and once selected go to "**MESSAGES**".
3. Press the button **P** shown in the figure for longer than 3 seconds.

This operation solicits the sending of the first message. This message will be visible on the platform after a few seconds.

*NB: If the message is not visible on the platform, repeat point 3 again, preferably changing the position.*

4. The platform will subsequently send a "downlink" message to the device and will wait for its confirmation.

*NB: If the message is not visible on the platform, repeat point 3 again, preferably changing the position.*

<<Remember to install the device with the antenna in a vertical position>>

## Device installation

1. Position the device with the appropriate tape, so as to be able to guarantee the antenna a “vertical” position.
2. Install the sensors on the meter LEDs using the special tear-off stickers in the package corresponding to the **active** (*sensor with the flag symbol*) and **reactive** energy.
3. With the meter running, press the reminder key **P** and check that the LEDs on the front panel (see figure) of the device light up.



*In this way, the correct alignment of the device sensors with the meter is being verified. Furthermore, this sensor alignment check remains active for 5 minutes after the reminder action.*

## Factory configuration

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The device comes with a default configuration:

- Threshold 400 KW (active power) and 400KVAR (reactive power) on the basis of 1000 pulses/KWh
- Through solicitation with magnet/button, Push A sending containing the instantaneous values of active and reactive power.
- Push B sending containing the day-end values.
- Push C sending on a scheduled basis (default every hour), containing the peak values and increments.
- ***For meters with a pulse frequency greater than 10000 imp/KWh , contact the maker for sensor adaptation.***

See documentation Protocol Message