

Remote Power Kit

Metering Switch






Reads power consumption in real time and lets you turn power-consuming units on or off remotely.



156.12 kWh

INSIGHTS:








- Energy consumption data 
- On/off control – remotely 
- Location (optional) 

Available connector variants:

- CEE 5-pin 16A
- CEE 5-pin 32A
- IEC 60309 standard plugs and sockets 3P+N+PE



FEATURES:

-  5G technologies
-  SIM/e-SIM (Data incl. in license)
-  Fixed powered w/back-up battery
-  Fittings: CEE 5-pin 16A/32A
-  Certified CE, MID certification
-  IP65 (Device housing)
-  180 x 254 x 100 mm / 7 x 10 x 3.9 in*
*Housing only, excludes wires

The Xtellio Remote Power Kit – Metering Switch – lets you turn power-consuming units on or off remotely while giving you real-time insight into actual energy use. The solution is plug-and-play — simply install it between the power source and the connected equipment to start measuring instantly. Housed in a rugged, IP65-classified enclosure, it's built to perform reliably in demanding environments and can be configured to include GPS location data for tracking. All collected data is sent automatically to the Xtellio Cloud via the built-in mobile connection and can be viewed in Xtellio's intuitive applications or seamlessly integrated into your own industry software through cloud-based APIs.



Xtellio

Data, at your service

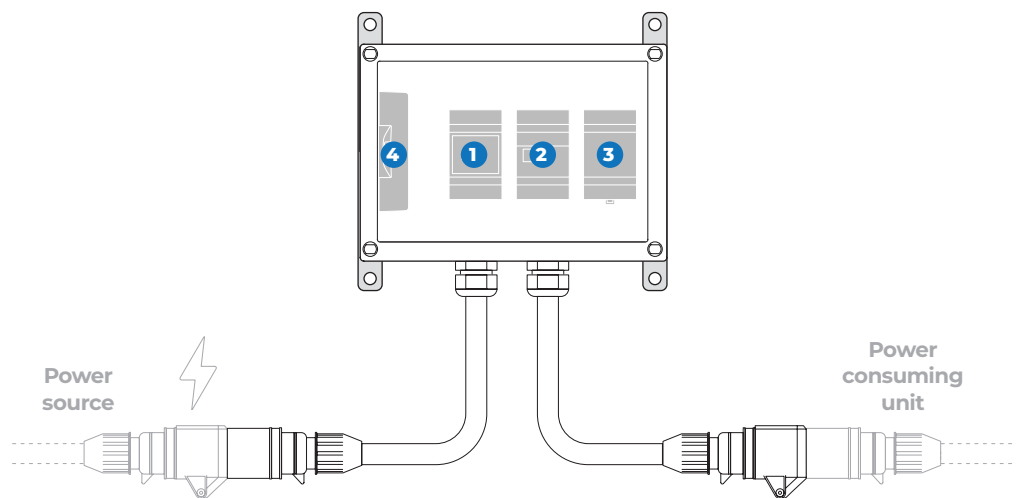


How it works

Default Operation

Xtellio Remote Power Kit – Metering Switch – contains **Four** key components:

- 1 A **utility power meter** that measures power consumption.
- 2 A **Power Contactor 40A** that switches four poles (L1, L2, L3 and N).
- 3 An **Xtellio Metering Xense – Contactors** that is wired to both the utility power meter and the Power Contactors. It reads the power consumption and enables remote on/off switching of the load.
- 4 An **Xtellio Gateway Xentral** that collects data from Xtellio Metering Xense, measures GPS location (if enabled), and transmits all data to Xtellio Cloud.



Plugged in between the power source and your power-consuming unit, the Xtellio Remote Power Kit reads power consumption data (kWh) from a built-in utility power meter. A built-in power contactor allows you to turn power-consuming units on or off remotely.



All data is securely transmitted to the Xtellio Cloud via the Gateway Xentral's embedded SIM module, utilizing NB-IoT or LTE-M networks to ensure reliable connectivity – even in areas with limited coverage.

From the Xtellio Cloud, data is either integrated into your existing systems via Xtellio's APIs or accessed through the Xtellio Butler web app or Xtellio Picco mobile app – all included as part of your Xtellio Service.

Default settings

Data sampling: **1 per hour**
Cloud data transmission: **1 per day**
GPS location measurement: **Disabled**

} *Configurable with
Business or Premium
subscription.*





Technical specification

Product number (variants)

CEE 5-pin 16A connector: 95010116

CEE 5-pin 32A connector: 95010132

Wireless communication

Standards: CAT-NB2/CAT-M1 (Aka NB-IoT and LTE-M), Bluetooth LE 5.x
LTE band support: B2, B3, B8, B12, B20 Software update over air (SUOTA)
SIM-card option: SIM/e-SIM

Built-in components

Three phase energy meter:

- Class 1 (kWh) according to EN62053-21
- Class B (kWh) according to EN50470-3
- Accuracy $\pm 0.5\%$ RDG (current/voltage)
- Resolution 0.001 kWh
- Persistent storage of "total kWh"

Power Contactor 40A:

- Switches four poles (L1, L2, L3 and N).

Xtellio Metering Xense (Contactors version):

- Connected to the energy meter and the Power Contactor 40 A.
- Fixed input supply: 230V AC nominally $\pm 10\%$. Power consumption 0.5W.

Xtellio Gateway Xentral:

- GNSS positioning: GPS, GLONASS, Galileo and BeiDou supported.

Operating conditions

Ambient temperature: -20°C to $+55^{\circ}\text{C}$ (-4°F to $+131^{\circ}\text{F}$)

Certification & Compliance

CE and RoHS, MID certification

IP Classification

IP44 (Connector fittings), IP65 (Housing)

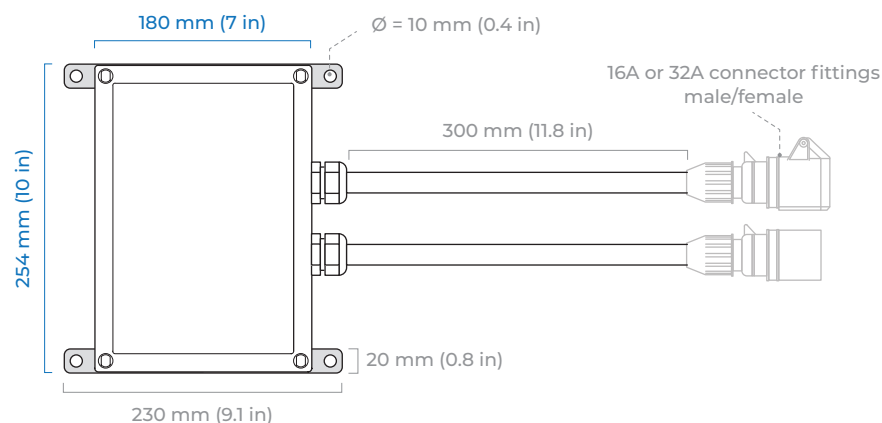
Mechanical properties

Dimensions: Housing: 180 x 254 x 100 mm (7 x 10 x 3.9 in)

Wire length: 300 mm (11.8 in)

Weight: Approx. 3.2 kg (112 oz)

Top view



Side view

