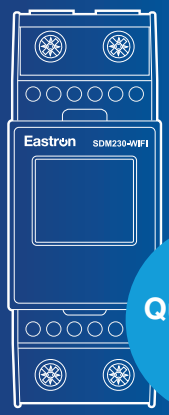

Quick start guide

SDM230-WiFi

Single-Phase Two Module DIN rail Meters

How to install the 1-phase Wi-Fi kWh Meter.

Step by step guide on how to install the Eastron SDM230 Wi-Fi kWh Meter.

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Warning: Only install this device if you are familiar with electrical installations and the dangers they can impose. Disregarding the safety precautions can cause serious injuries.

Connection Diagram (Fused)

Double Pole Circuit Breaker Installation

- The kWh Meter is installed after the circuit breaker.
- The left side of the kWh Meter is connected to 230V~ from the breaker.
- The right side of the kWh Meter is connected to the SOURCE of which you want to monitor. These could be solar panels, a car charger, heat pump, main connection, etc.

Step 1: Turn off power

Before beginning the installation ensure that incoming power is disabled.

Step 2: Mount the kWh Meter

Place the kWh Meter on the DIN-rail. Do not forget to click the kWh Meter in place using the black tab on the bottom.

Step 3: Live wire of the source you want to get insight into

Attach the live wire (brown) of the source to terminal 2 on the top right of the kWh Meter.

Step 4: Neutral wire of the source you want to monitor

Attach the blue neutral wire of the source to terminal 4 at the bottom right of the kWh Meter. (if you have no neutral wire to the source, you can skip this step).

Step 5: Neutral wire connection to the breaker

Use an additional wire to connect the neutral terminal on the breaker with terminal 3 (bottom left) on the kWh Meter.

Step 6: Live wire connection to the breaker

Use an additional wire to connect the live terminal on the breaker with terminal 1 (top left) on the kWh Meter.

Step 7: Check connections

Ensure all screws are tightened to the correct torque (2.5Nm - 3Nm).

Step 8: Turn on power

The screen will show the kWh. Installation is now complete.

Single Pole Circuit Breaker Installation

- The kWh Meter is installed after the circuit breaker.
- The left side of the kWh Meter is connected to 230V~ from the breaker.
- The right side of the kWh Meter is connected to the SOURCE.
  Such as solar panels, a car charger, heat pump, main connection etc.

Step 1: Turn off power

Before beginning the installation, ensure the incoming power is disabled.

Step 2: Mount the kWh Meter

Mount the kWh Meter onto the DIN rail inside the consumer unit. Ensure it is securely clicked in place using the black tab on the bottom.

Step 3: Live wire of the source you want to monitor

Attach the live wire (brown) of the circuit you want to monitor to terminal 2 (top right) of the kWh Meter.

Step 4: Neutral wire of the source you want to monitor

Attach the blue neutral wire of the circuit to terminal 4 (bottom right) of the kWh Meter. If the circuit does not have a neutral wire, you can skip this step.

Step 5: Neutral wire connection to the consumer unit

Connect a wire from terminal 3 (bottom left) of the kWh Meter to the neutral bar in the consumer unit.

Step 6: Live wire connection to the breaker

Connect a wire from terminal 1 (top left) of the kWh Meter to the live terminal of the circuit breaker. Use a 4mm² copper wire for loads up to 32A.

Step 7: Check connections

Ensure all screws are tightened to the correct torque (2.5Nm - 3Nm).

Step 8: Turn on power

The screen will show the kWh. Installation is now complete

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SDM230-WiFi

Single-Phase Two Module DIN rail Meters

Quick start guide

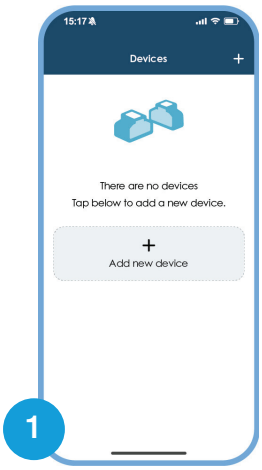
EasyLink

Download the **Easy**Link App on Apple and Play Store

Download on the App Store

GET IT ON Google Play

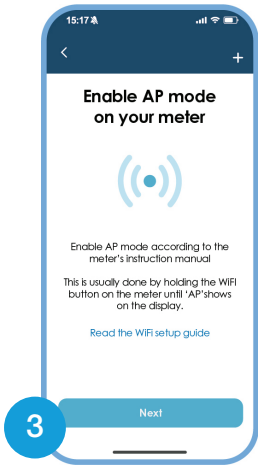
Open the EasyLink Application and Login to your account or register if this is the first time connecting an Eastron Meter to the EasyLink Application.



Press **Add New Device** to add a device to the EasyLink Dashboard

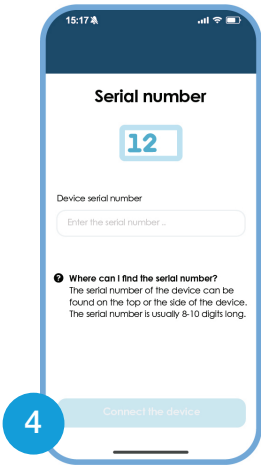
Select **SDM230-WiFi**

Ensure the Meter is wired correctly and powered on



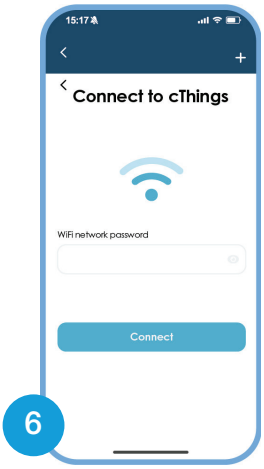
Enable AP Mode on the Meter

Press and hold the WIFI button and enter password 1000 then press and hold the scroll button until the meter shows **AP Mode**. The kWh Meter is now in pairing mode. If the meter does not display **AP Mode**, restart the joining process from step 3.

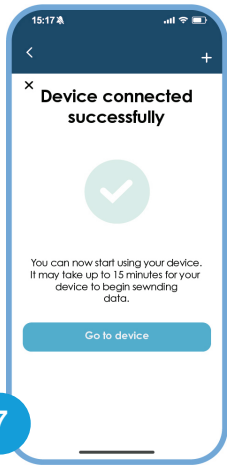


Enter the Serial Number of the Meter to Pair the Meter with the App.

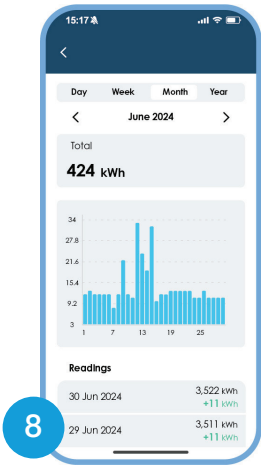
Select the WiFi Network the meter will connect to.



Enter the Password of the WiFi Network.



The Device is now connected and will start output Energy Readings to the Dashboard.



EasyLink Dashboard Examples.

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