

Multiple electricity meters installed in a household distribution box



Article Overview

Installing multiple electricity meters in a household is legal and feasible, provided you follow local regulations and obtain approval from your electricity provider.

Legality and Permissions

Having more than one electricity meter in a single household is generally allowed and can be beneficial for load distribution and billing purposes. Each meter can track electricity usage separately, which is useful in multi-tenant homes or for sub-metering different areas of a large property. However, the installation requires permission from your local electricity provider, and the rules may vary depending on your location and the type of property (residential, commercial, or multi-use) .

Technical Setup

Multiple meters are typically installed in the main distribution board or a dedicated meter panel. The setup can involve:

- Separate incoming circuits for each meter, often connected to different phases in a three-phase supply if available .
- Miniature Circuit Breakers (MCBs) or Residual Current Devices (RCDs) downstream of each meter to protect individual circuits .
- Sub-distribution boards may be used to distribute electricity from each meter to specific areas or appliances within the household . In some countries, the main sup...

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Installing additional electricity supplies

Usually, these types of buildings have a three phase electricity supply, but if they are all in use or you want to install more than three

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Residential Meter Combo Basics | ABB Electrification U.S.

Meter combos are single enclosures that integrate a utility meter socket and a main breaker that may also include additional branch

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Connect a multi-use building

If you have a multi use building such as a shop with flats above, or a house converted into multiple properties, and want to connect

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Electricity meter

An electricity meter, electric meter, electrical meter, energy meter, kilowatt-hour meter, or power meter is a

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How to Install a New Electric Meter Box

Do not attempt to install a new electric meter box without ensuring that there is no electricity running to your household

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Wiring of the Distribution Board From Energy Meter to

Electrical Wiring Installation of the Distribution Board (Single Phase Supply) (From Utility Pole & Energy

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Wiring of the Distribution Board From Energy Meter to the Consumer

How to Wire a Distribution Board? Distribution Board aslo known as "Panel Board", "Switch & Fuse Board" or "Consumer Unit" is a

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Meter Box

Meter boxes are usually installed on the outside of a building or at a public power access point for utility companies and customers to

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Guidance on installing equipment within meter enclosures | NICEIC

When an electrical supply is laid on to a domestic or similar premises, the host Distribution Licence Holder will require

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Subdivisions and Permit Conditions for Electricity Supplies

The meter equipment located within an electrical installation including the service and distribution equipment upstream of the

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Why do I have multiple electricity meters?

Why do I have multiple electricity meters? If you have electric hot water at your property then it's very likely that the

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Two Electric Meters in One House? Here's What It All Means.

In this guide, we will demystify the purpose of a dual-meter setup. We'll break down why you might have one, what it

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Understanding Your Home Electrical System

The electrical service panel is the central distribution point for delivering electricity to switches, outlets, and appliances throughout the

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Can You Have Two Electric Meters On One Property?

Installing multiple electricity meters within a single residential unit is entirely feasible. Let's

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Can You Have Two Electricity Meters in One House?

Whether you are considering installing a second meter, merging two existing meters, or looking at

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SINGLE PHASE MAIN ENERGY METER TO SUB ENERGY METER

Welcome to Kalutec Power Solutions ✂ In this video, we'll show you how to connect a

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What is a Multiple Electric Meter Box and How Does it Work?

It enhances the management of electricity consumption and billing. Understanding how a Multiple Electric Meter Box functions is

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Can You Have Two Electricity Meters in One House?

Yes, you can technically install two electricity meters in one property, both in the US and UK. However, the rationale behind such an

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What Is a Meter Box? A Complete Guide to Types, Safety, and

Learn what a meter box is, why it matters for electrical safety, its types, components, standards, and best installation

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Installing additional electricity supplies

If the option of installing a distribution board is not suitable for your property, you can choose to have additional electricity

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Connecting additional electricity meters (up to three)

After you've received your MPAN, your electricity supplier (the company you pay your bills to) can install the additional meters (up to

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Distribution of Electricity in Multi-Storey Building

In figure 5.7, two alternative layouts for the distribution of electricity to flats have been illustrated. According to the

Oct 11, 2025

What is a Multiple Electric Meter Box and Its Benefits?

Moreover, the adoption of Multiple Electric Meter Boxes can lead to reduced installation costs. A recent industry analysis revealed

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Can A House Have Two Electric Meters

Having more than one electricity meter in your property can cause complications with your switch. This is most common where a

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Residential Electric Meter Box Wiring Diagram Guide

Explore a comprehensive guide to residential electric meter box wiring diagrams, offering clear instructions

Contact Us

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