



# Home Electricity Monitor

Help to achieve a low-carbon lifestyle.

## Product Description

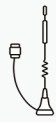
The system is able to monitor the electricity consumption of specific rooms or appliances through up to 40 channels of sensors and provide insights into the household, electricity consumption, as well as identify the waste of electricity.

## Package Contents

### EC-E2401-EU-001:



ecoMain



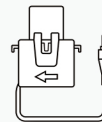
Antenna



Power Cord



ecoSensor(30A) × 10



ecoSensor(100A) × 3

### EC-E2402-EU-001:



ecoSub



ecoSensor(30A) × 5



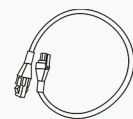
ecoBus Cable

### EC-E2403-EU-001:



ecoSensor(30A) × 5

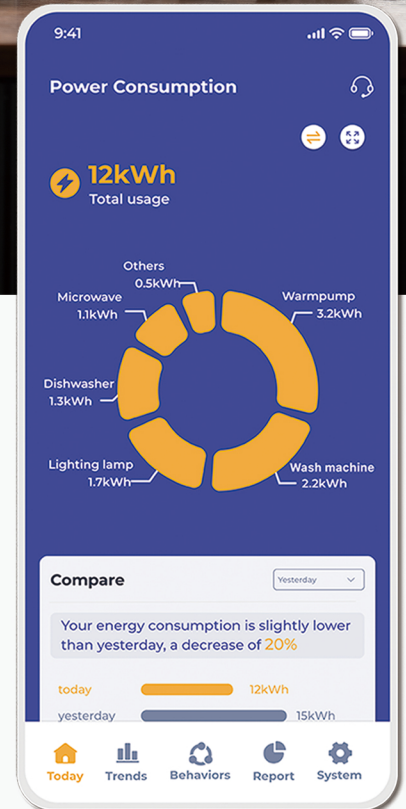
### EC-E2404-EU-001:



Sensor Extension Cables × 5

## Features

- **Modular Design:** The ecoMain and ecoSub can be installed separately. This allows for flexible use of distribution cabinet space.
- **Compact Structure:** Small in size, it greatly reduces the space needed in the distribution cabinet.
- **Easy Installation:** No electrician qualification is required.
- **New Design:** Features a brand - new, novel appearance.
- **Wide Application:** Suitable for households, industrial, and commercial scenarios.
- **Accurate Data:** Measured data is real - time, accurate, reliable, and highly precise.
- **Rich APP Features:** Comes with various APP functions.
- **Cloud & Remote Support:** Supports cloud storage and remote control.





## Technical Specifications

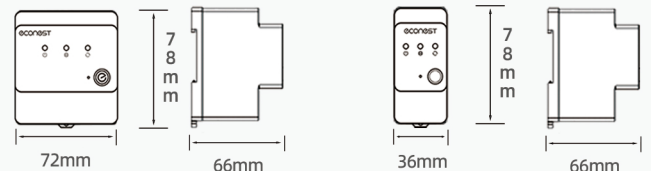
### System Hardware:

- Power Supply: 100-240V, 50/60Hz
- Monitored Power Systems:
  - 2-wire, single phase system
  - 3-wire, single split-phase system
  - 4-wire, 3-phase Wye system
- Certification: CE, cTUVus, FCC, RoHS
- Measurement Accuracy:  $\pm 2\%$ (typ.)
- Local Data Security Storage: 3 years



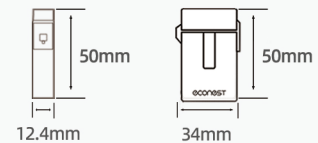
### ecoMain :

- Communication Interfaces: 2.4GHz Wi-Fi, 10/100Base - T Ethernet.
- Voltage Channels: 3
- Current Channels: 3×100A, 10×30A
- Dimensions (L×W×H): 72mm×78mm×66mm



### ecoSub:

- Current Channels: 10×30A
- Max ecoSub Expansion: 3 (up to 40 chs)
- Dimensions (L×W×H): 36mm×78mm×66mm



## Ordering Information

ecoMain	Description	Order Number
Model	ecoMain	EC-E2401 -EU-001
Standard Accessories	ecoSensor(100A) × 3	
	ecoSensor(30A) × 5	EC-E2403-EU-001
	ecoSensor(30A) × 5	EC-E2403-EU-001
	Antenna × 1	
	Power cord × 1	
	User Guide × 1	
Option Accessories	Sensor Extension Cables × 5	EC-E2405-EU-001

ecoSub	Description	Order Number
Model	ecoSub	EC-E2402 -EU-001
Standard Accessories	ecoSensor(30A) × 5	EC-E2403-EU-001
	ecoBus Cable × 1	
	User Guide × 1	
Option Accessories	Sensor Extension Cables × 5	EC-E2405-EU-001
ecoSensor	Description	Order Number
Model	ecoSensor(30A)	EC-E2403 -EU-001
Standard Accessories	ecoSensor(30A) × 5	EC-E2403-EU-001
Option Accessories	Sensor Extension Cables × 5	EC-E2405-EU-001