

GEYER SMART SOLUTIONS

Smart Three-Phase Wi-Fi Energy Meter

ER3100CT · 100 A per phase · 1 DIN module

Bidirectional imported and exported energy measurement without routing the load through the meter.



100 A per phase · Wi-Fi 2.4 GHz

**PER-PHASE MEASUREMENTS**

Voltage, current and active power for L1, L2 and L3.

**BIDIRECTIONAL ENERGY**

Total, imported and exported active energy.

**THREE SPLIT-CORE CTs**

Measurement without interrupting the circuit or routing the load.

**HISTORY & ALERTS**

Day, month and year statistics and push notifications.

KEY TECHNICAL DATA

Input voltage	100–240 VAC per phase
Frequency	50–60 Hz
Maximum current	100 A per phase
Measurement	3 external split-core CTs
Wi-Fi	2.4 GHz
Mounting	35 mm DIN rail, 1 module
Temperature	-10 °C to +60 °C
Warranty	2 years

CONNECTED ECOSYSTEM**GEYER Smart**

Measurements · History · Alerts

COMPATIBILITY

Amazon Alexa



Google Home



Iuya Smart



Smart Life

APP AVAILABLE ON

Three phases. A complete view of energy.

Monitor each phase and the total energy flow wherever you are.



THREE-PHASE HOME

Monitor consumption and load balance across phases.



OFFICE & RETAIL

Track the energy use of three-phase installations.



HOLIDAY HOME & AIRBNB

View consumption remotely and receive alerts.



PHASE ANALYSIS

Compare data by phase, day, month and year.

FROM INSTALLATION TO SMART MONITORING

1

INSTALLATION

On the DIN rail

2

CT PLACEMENT

On L1, L2 and L3

3

PAIRING

GEYER Smart - 2.4 GHz

4

MONITORING

Phases - history

IMPORTANT APPLICATION REQUIREMENTS

- Installation by a licensed electrician.
- Place each CT around the corresponding phase, observing P1 → P2.
- A 2.4 GHz Wi-Fi network with Internet access is required.
- The device measures only and has no relay output.



GEYER Smart

Energy in real time

Measurements, history, alerts and sharing with up to 20 users.