



Smart Grid



Energy Management



Intelligent Fire Protection



Photovoltaic (PV) Energy

COMPANY PROFILE

-Expert in IoT Solutions-

PARTNERSHIP OPPORTUNITIES



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CONTENTS

01 Company Overview

02 Smart Manufacturing

03 Technology Department R&D Center /Testing Center

04 Certifications

05 Global Top Sellers

06 Global Exhibitions

07 Connect with Us



Jiangyin Yucheng Electric Co., Ltd.

Jiangyin Yucheng Electric Co., Ltd. is located in the Qingyang Industrial Park, Jiangyin City, Jiangsu Province. Our products cover more than **20** provinces and cities in China and are exported to over **10** countries and regions. The company mainly produces **current transformers, current sensors, Rogowski coils, power meters**, etc. These products are primarily used in industries such as power, communication, environmental protection, water supply, automotive, high-speed rail, military industry, new energy, rail transportation, smart cities, intelligent fire safety, smart low-voltage testing, industrial Internet of Things (IoT), industrial control automation, and power substation renovation.

Jiangyin Yucheng Electric Co., Ltd. is an innovative and developing enterprise with a strong sense of innovation. Our company is equipped with excellent facilities, advanced processes, and a comprehensive quality assurance system. It is also one of China's self-operated import and export enterprises.

Our company actively responds to national policies regarding smart IoT. With its strong technical capabilities, exquisite production processes, and advanced detection equipment, Yucheng Electric has established precise quality assurance for transformer production through fully automatic transformer inspection platforms, intelligent transformer calibration instruments, balance characteristic testers, molding production workshops, and iron core winding workshops. The company has received high praise from customers, and its products are sold across the country and exported to more than 10 countries and regions, including Europe, America, Africa, the Middle East, and Southeast Asia.

In the process of exploration and discovery, leading the industry through innovation and setting benchmarks with quality have always been the guiding principles for Yucheng's corporate development.



Fully Automatic High-Speed Precision Punching Machines (8 Units) + 14 Continuous Precision Punching Machines



Fully Automatic Winding Machines (260 Units)



Fully Automatic Core Packing Machines (6 Units)



Fully Automatic Continuous Tunnel Furnace Production Lines for Cores (6 Lines)



Fully Automatic Continuous Tunnel Furnace Production Line for Sensor Cores



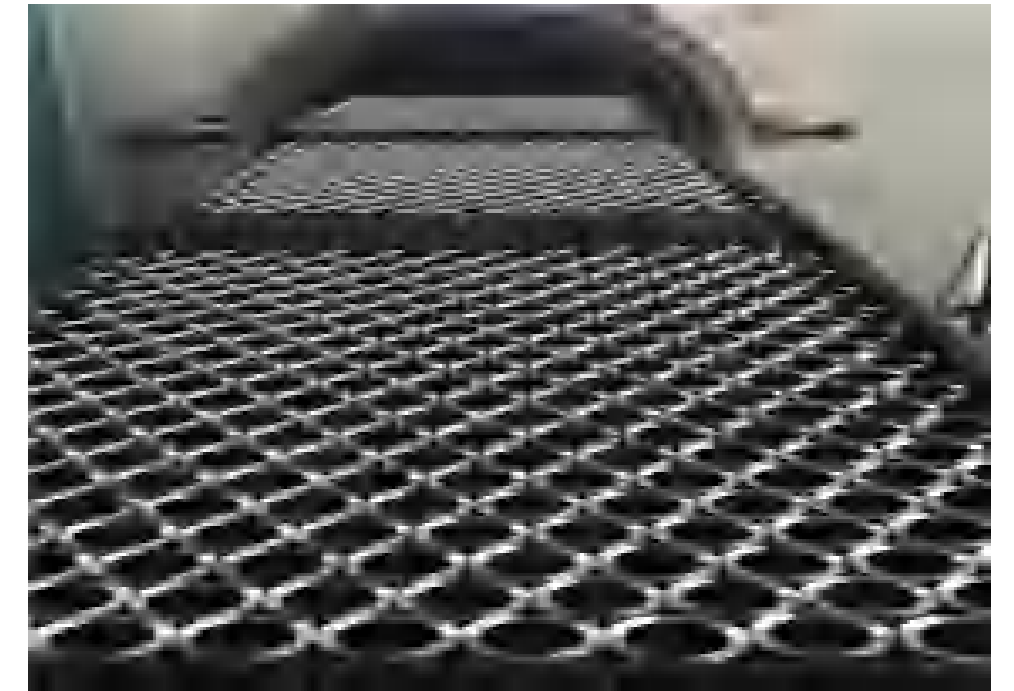
Fully Automatic Core Winding Machines (24 Units)



Fully Automatic Current Transformer Testing and Sorting Machines (6 Units)



Fully Automatic Core Testing and Sorting Machines (6 Units)



Large Core Fully Automatic Continuous Heat Treatment Tunnel Furnace



Fully Automatic Ultra-Microcrystalline Core Heat Treatment Production Lines (5 Lines)



Fully Automatic Strip Cutting Production Line for Coil Materials



Fully Automatic Winding Production Line in Workshop No. 2



Fully Automatic Current Transformer Assembly Production Lines (2 Lines)



Fully Automatic Bobbin (Clip) Manufacturing Production Lines (2 Lines)

Technology Department R&D Center /Testing Center



High-Performance Sensor Core
Inspection Center



Core Performance Inspection Center



R&D New Product Testing and
Debugging Area



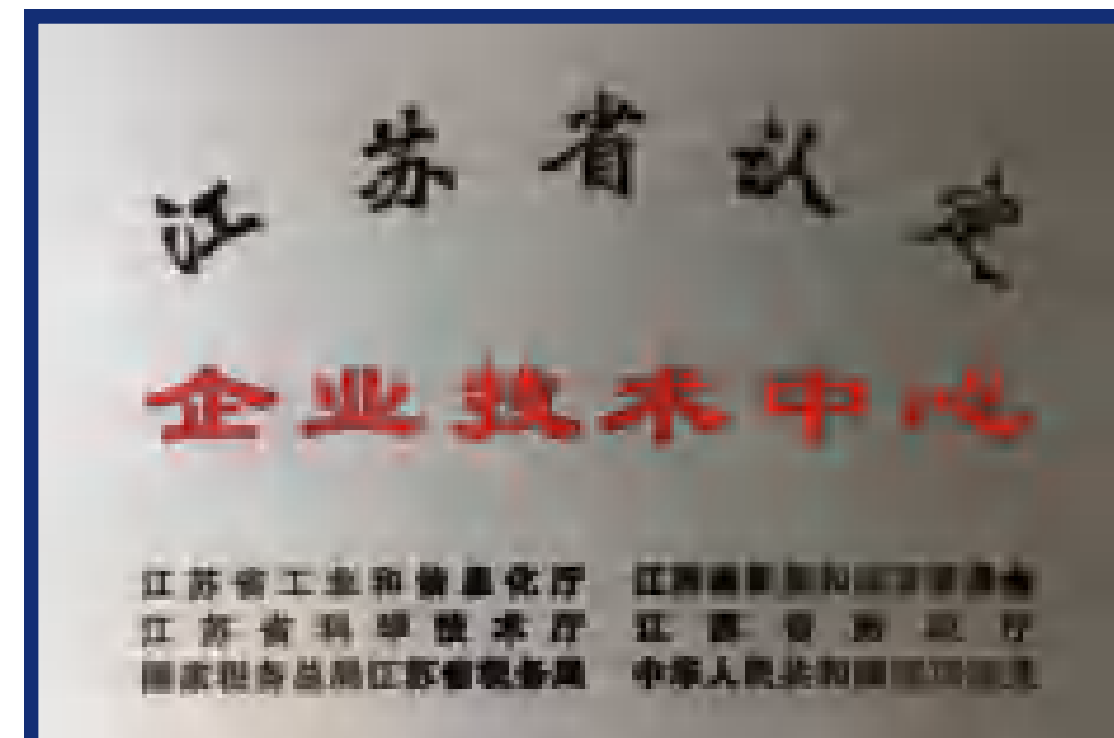
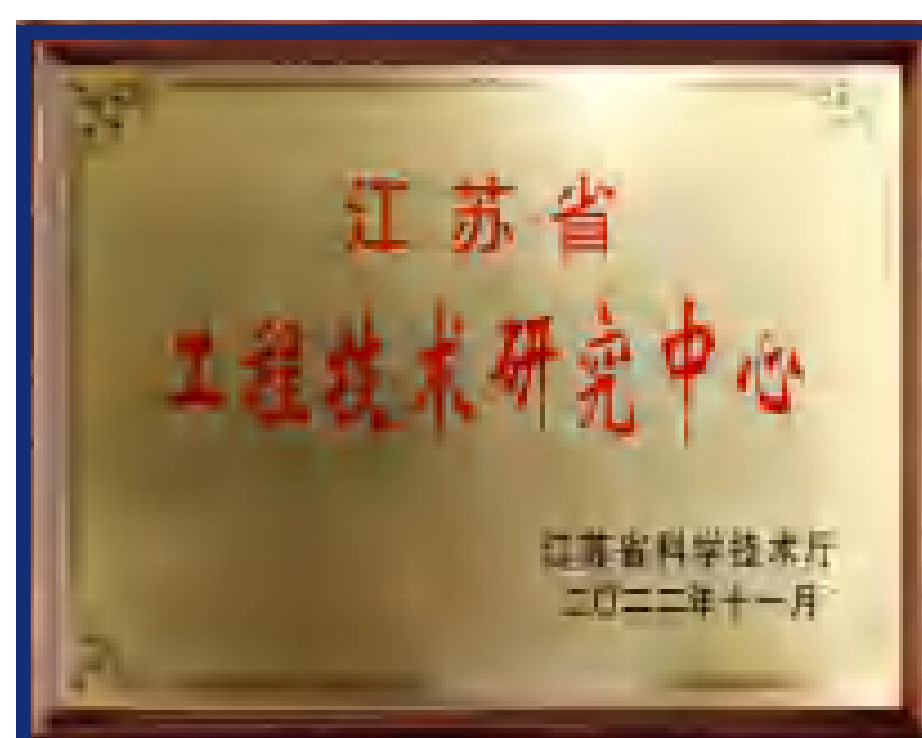
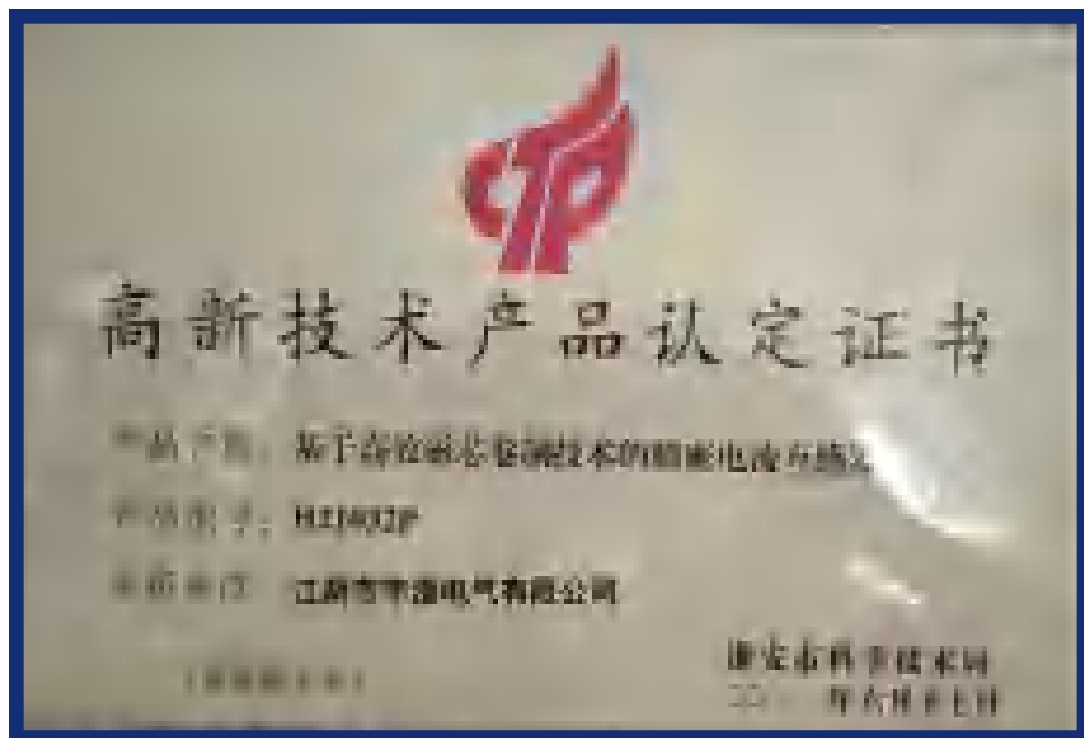
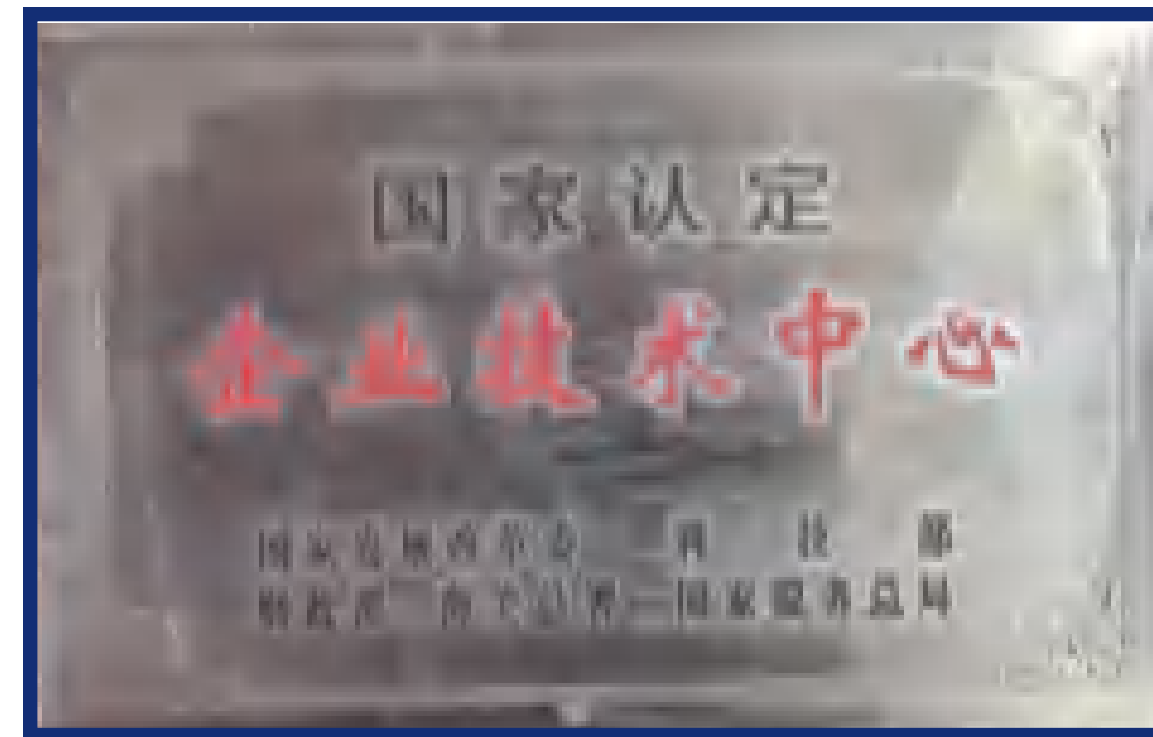
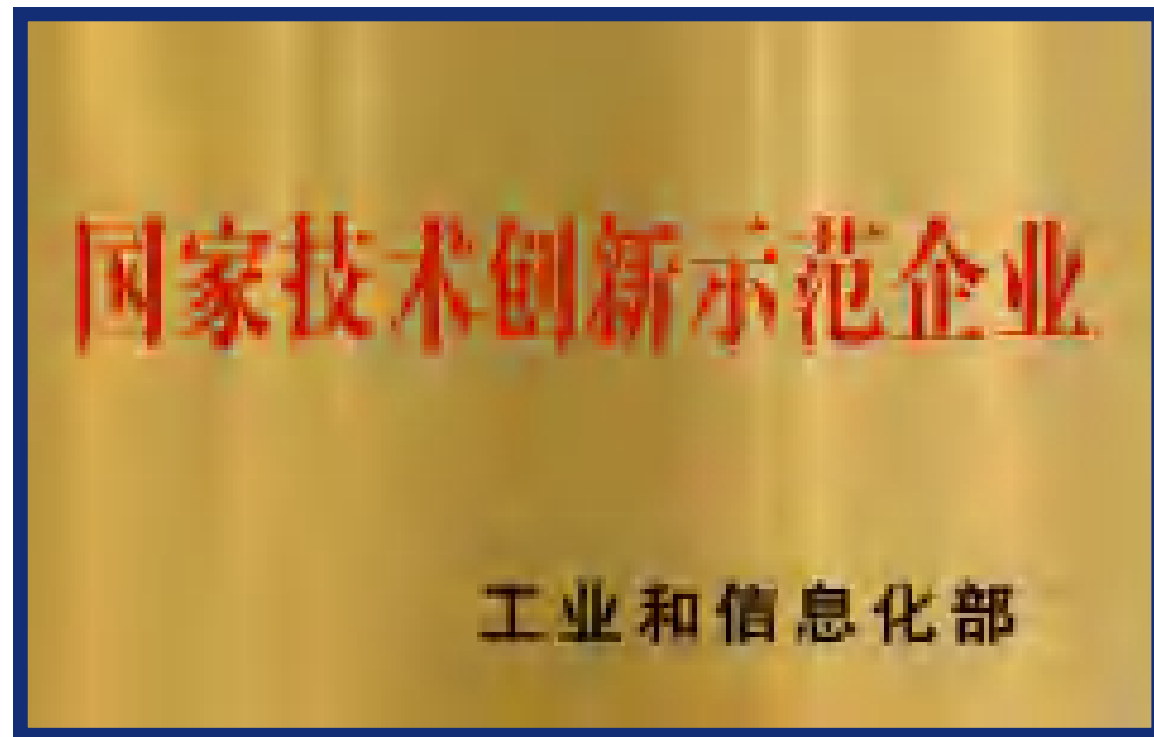
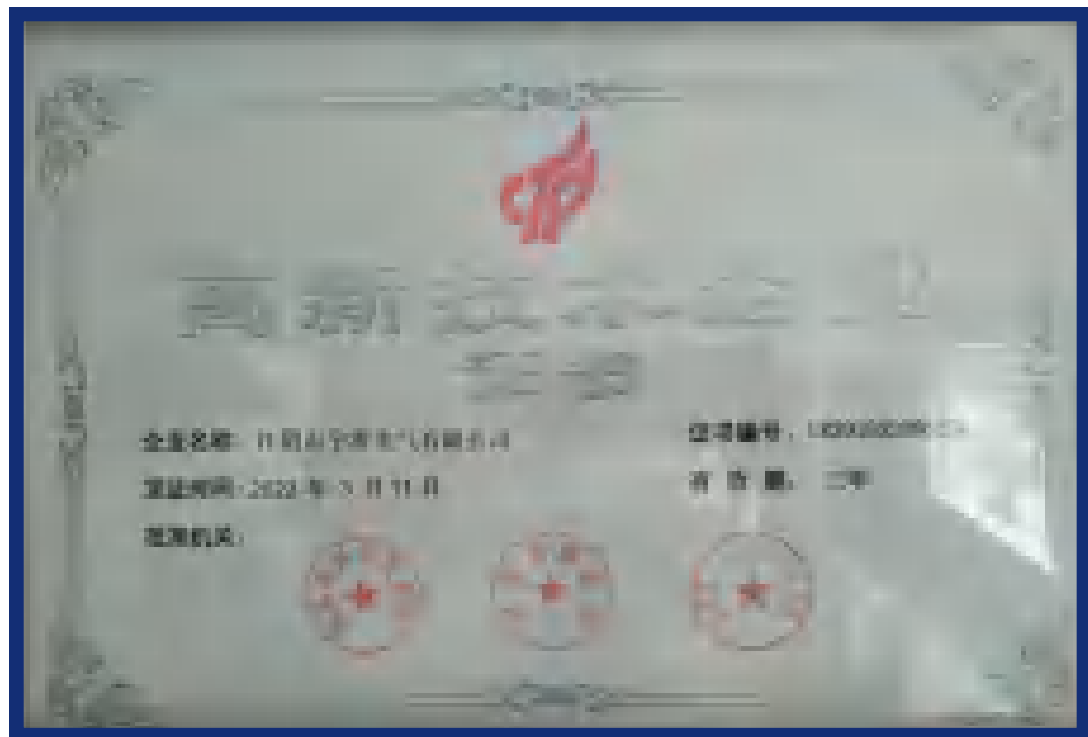
High Current Impact Test Area



Magnetization Curve Test Area

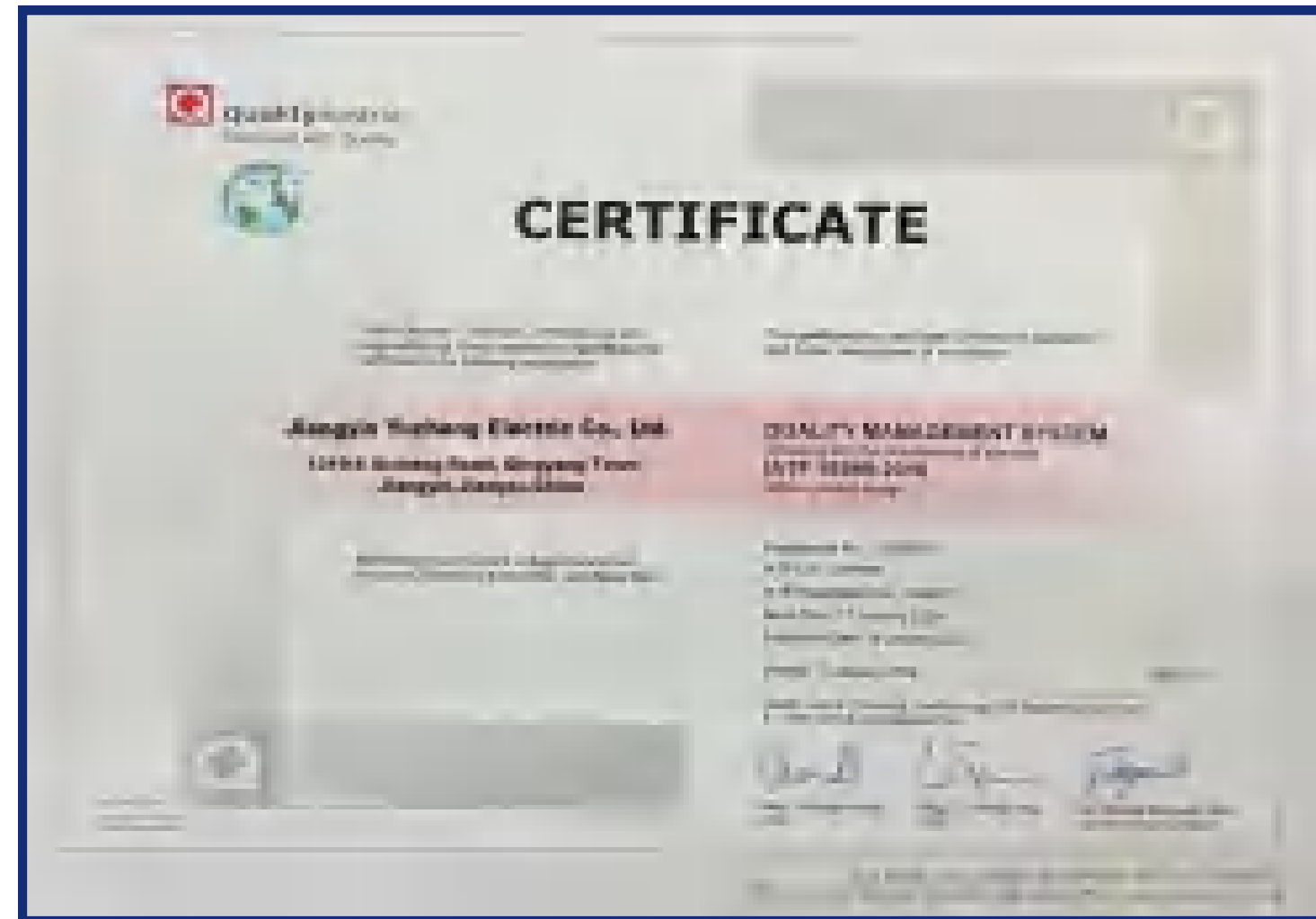


Hysteresis Loop Test Area





ISO9001



IATF16949



Patent Certificates (Yucheng has a total of 36 patents)

Global Top Sellers



- ✓ 4G
- ✓ Lora
- ✓ Rs485

Wireless **2-in-1** Current Temperature Sensor



- ✓ 4G
- ✓ Lora
- ✓ Rs485

2-in-1 Smart Gateway for Current/Temperature Measuring



CT for Cable



CT for Busbar



**Waterproof CT for
Outdoor Use**



Output:

- 0-5A
- 0-1v
- DC0-20mA
- 0-5v
- 3.33v
- DC4-20mA
- 0-100mA
- RS485



Output:

- 0-5A
- 0-1v
- DC0-20mA
- 0-5v
- 0-10mA
- DC4-20mA
- 0-10v
- RS485



Output:



0-5A



0-1A



DC0-20mA



0-5vDC



0-100mV



DC4-20mA



0-10vDC



RS485



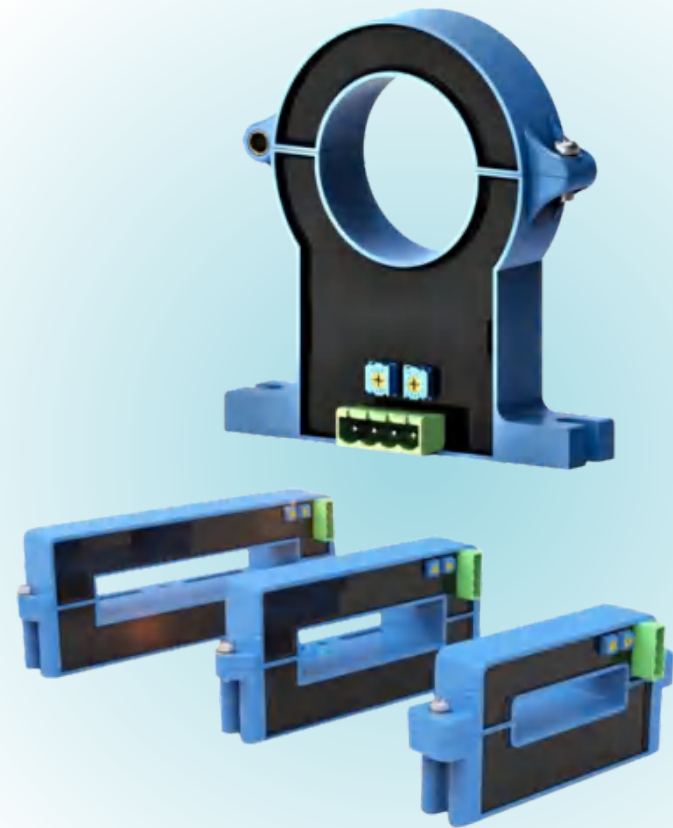
Multi-circuit rail-mounted meter



Multi-function DIN rail-mounted meter



Multi-function panel meter



Hall Sensor



DC Leakage
Isolation Current
Transducer



AC Current
Transducer



High Frequency Partial Discharge Current Sensor is a type of device used for detecting and measuring partial discharge currents in high voltage electrical equipment. It operates at high frequencies and is able to capture the transient current signals caused by partial discharges. These signals can provide important information about the condition of the insulation system in the equipment.

High-Precision Transient Wave Recording Type Fault Indicator

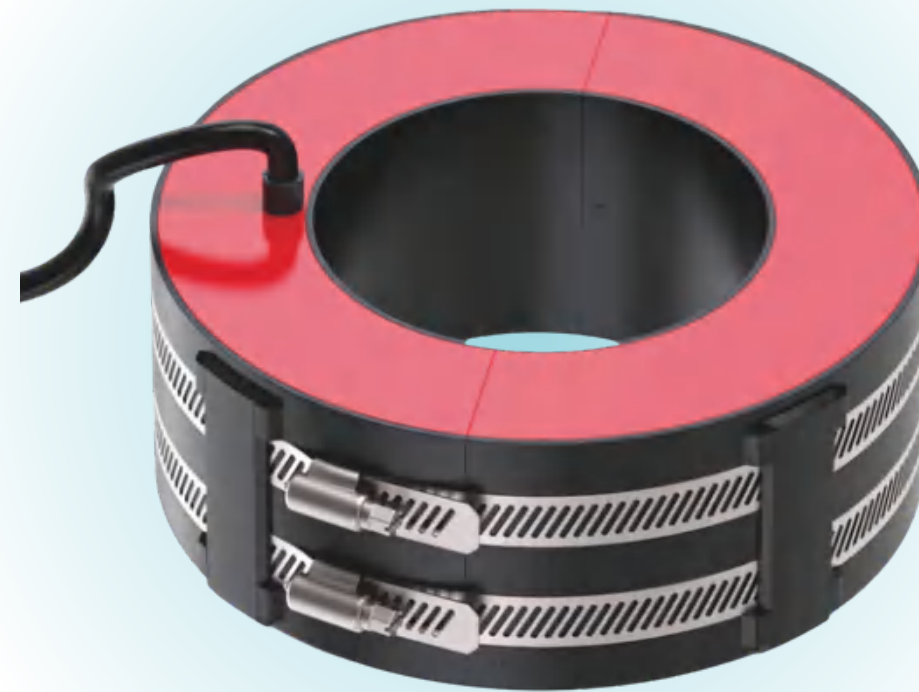


Transient recording fault indicator is mainly used in **distribution system** to **monitor and locate line faults**. It can record the transient current and voltage waveform when the fault occurs. When there is a fault in the line, such as **a short circuit or ground fault**, the fault indicator will quickly **capture the transient signal**. These transient signals have a short duration, but contain the key information of the fault, such as the **fault direction, fault type** and so on.

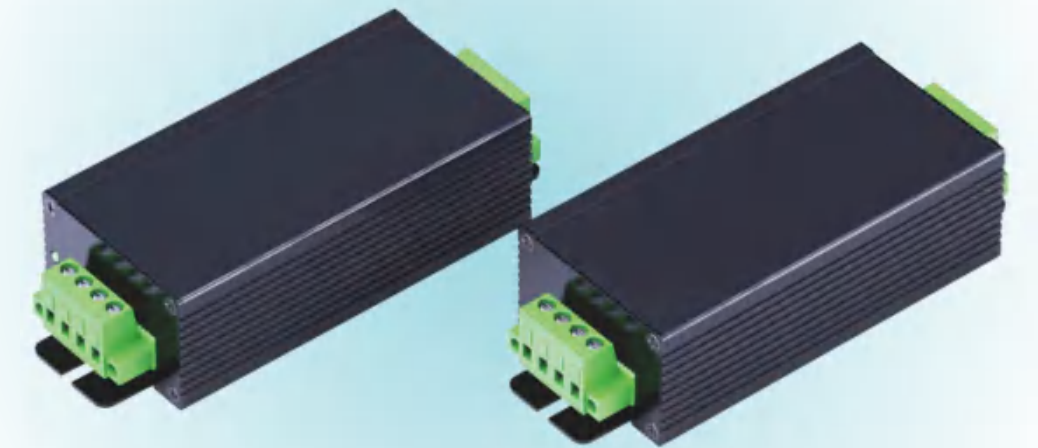
The fault indicator is **easy to install** and is generally installed on an **overhead line or cable line**. Its advantage is that it can accurately locate the fault section, reducing the time and labor cost of fault finding. At the same time, through the analysis of the recorded wave data, it can also help the staff to better understand the characteristics of the fault, which is helpful to evaluate and **optimize the** operating state of the **power grid**.



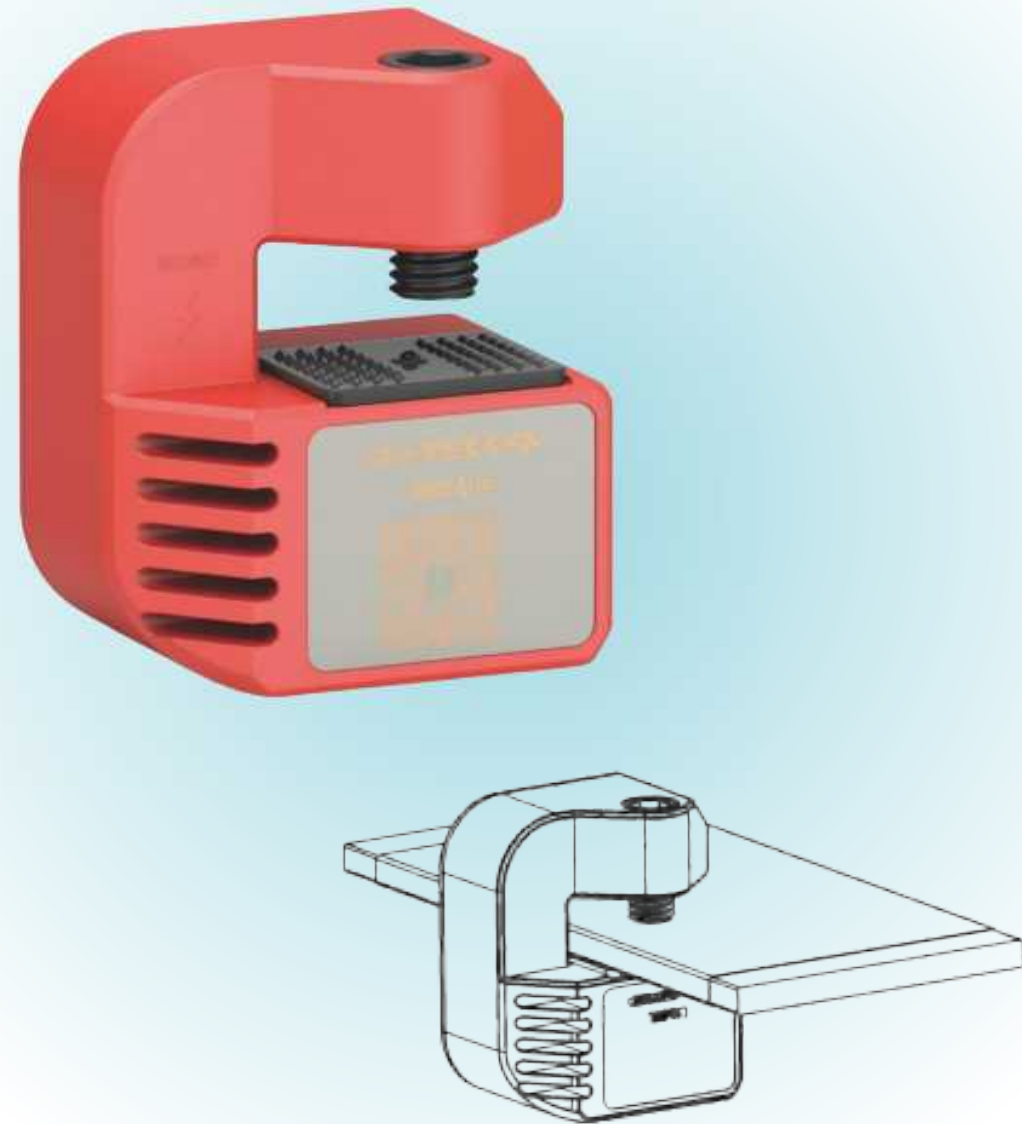
CT1



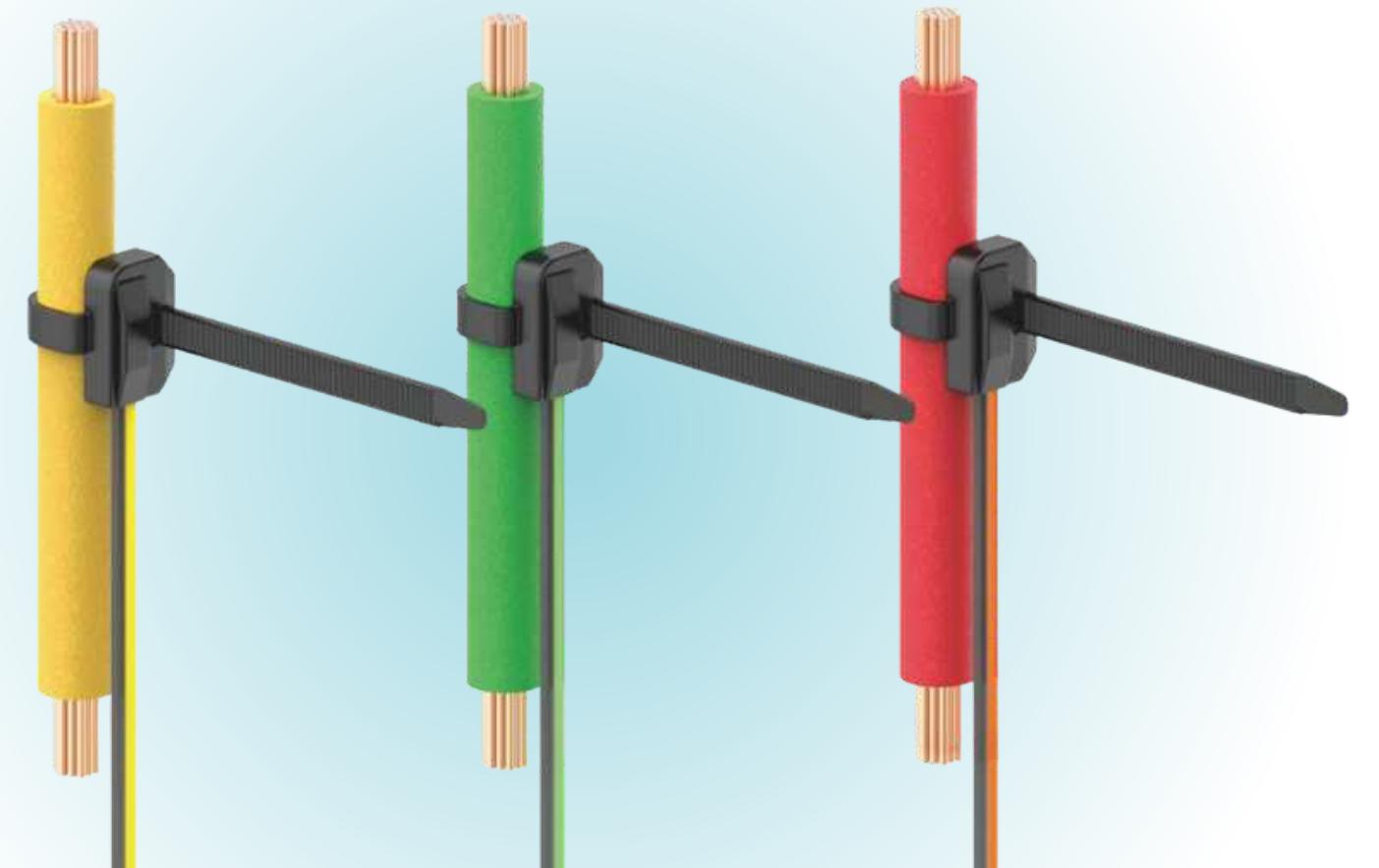
CT2



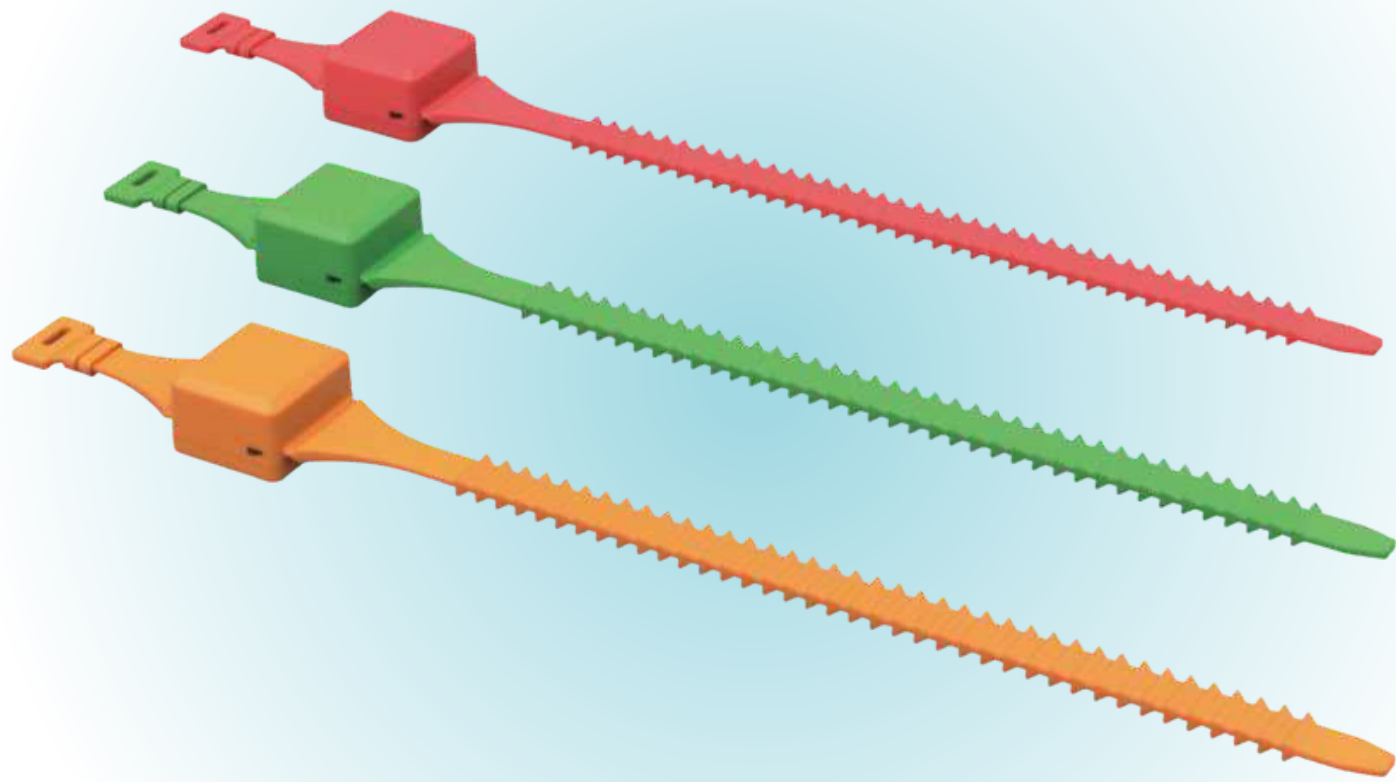
Power Module



Temperature Sensor for Busbar



Temperature Sensor for Cable



Used for High voltage switch **cabinet**, low voltage **cabinet**, ring main unit, outdoor transformer, dynamic and static contact, **bus bar**, bus duct, **cable lap joint**).

Drop state transformers usually refer to transformers installed on drop fuses or related equipment that can monitor and feedback the drop state. Mainly used in rural power grids, remote suburbs and other power systems that use many drop switches.



Basic Functions



Power Measurement

High-precision full power measurement, including three-phase line voltage/phase voltage, three-phase current, active power, reactive power, apparent power, power factor, frequency, and demand.

Energy Metering

- 0.5S class high-precision energy metering with transformer connection.
- Class 1 energy metering, direct connection type.
- Forward and reverse active energy, combined reactive energy, apparent energy, four-quadrant reactive energy, TOU (Time of Use) energy.
- 12 months historical energy data.

Input and Output

1 optical pulse output for energy, 1 relay contact pulse output for energy.

Power Quality

- Three-phase voltage/current odd harmonics, even harmonics, total harmonic distortion, and 2nd to 31st harmonics.
- Voltage unbalance degree, current unbalance degree.

Demand Function

- Maximum demand for power in different rate periods, last month and this month's maximum demand and time stamps.
- Last month and this month's maximum demand for power and time stamps.

Communication

1 RS-485 port, DL/T645 communication protocol, baud rate 1,200~19,200bit/s.

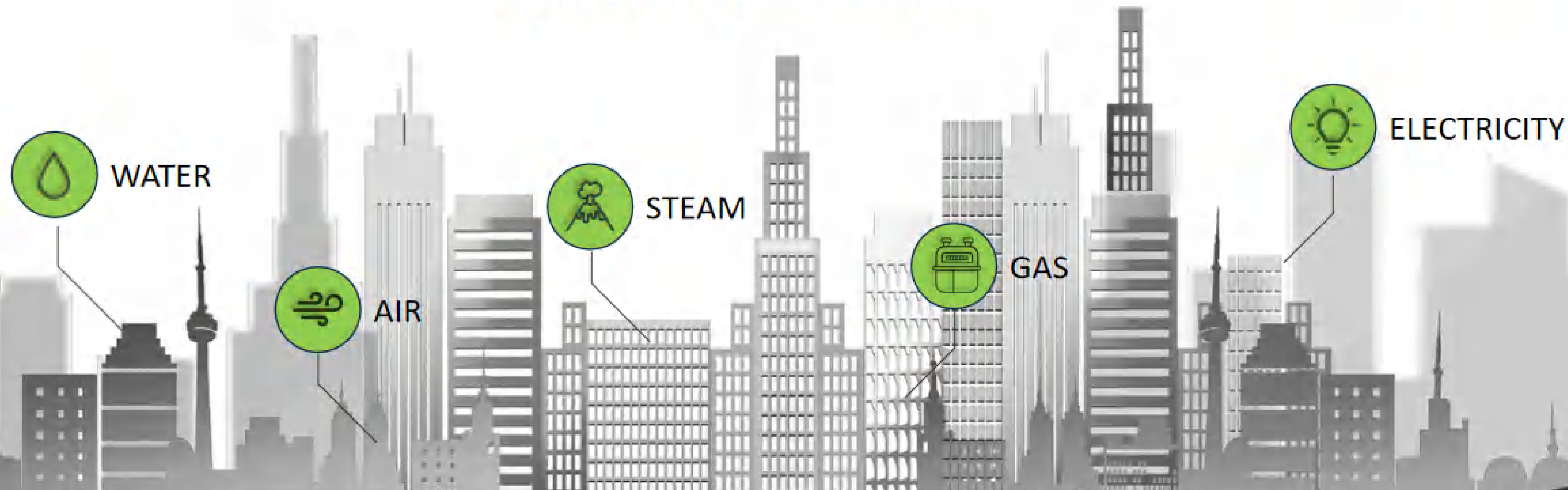
PART-05

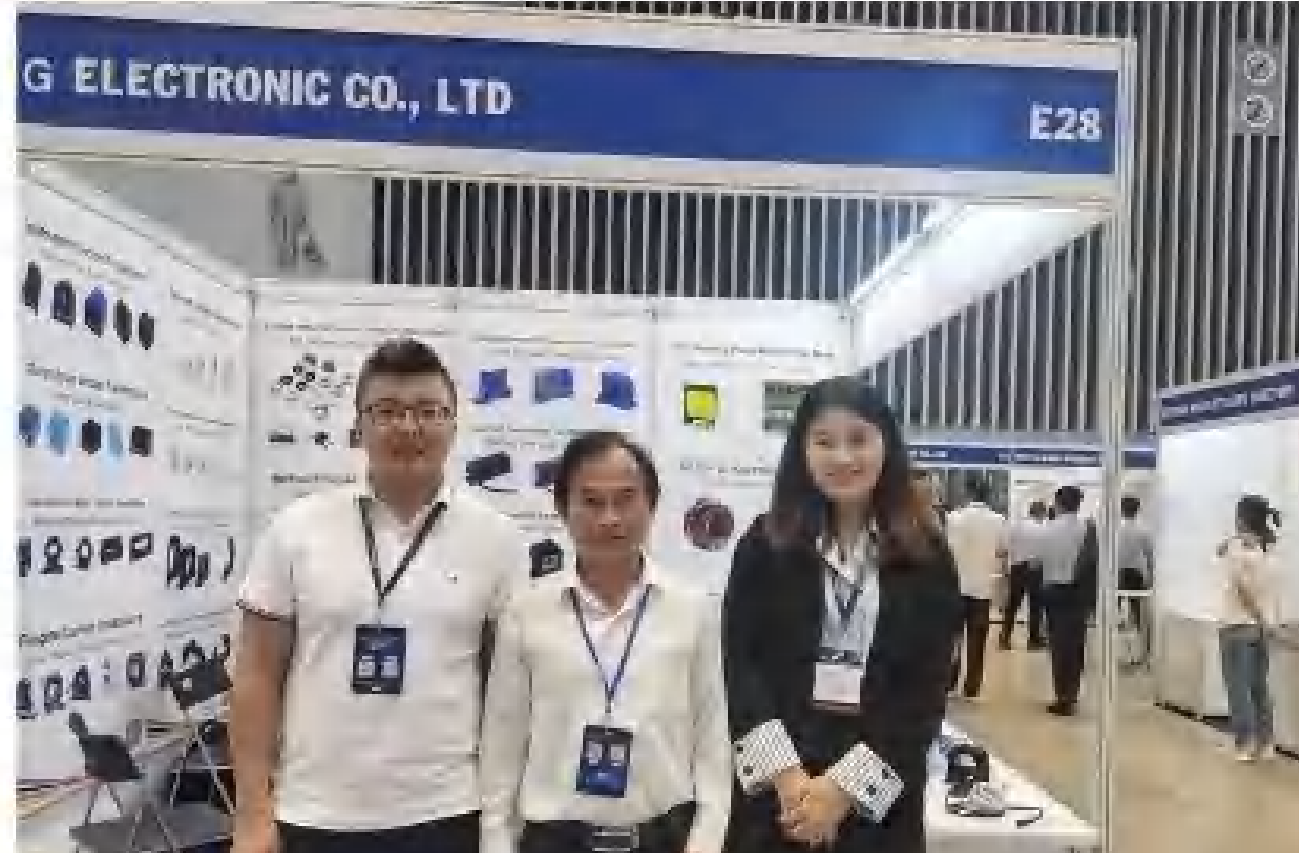
The Powerful Monitoring Solution

YUCHENG's Cloud solution is a one-stop **Software As a Service (SaaS)** platform that enables our energy business partners to efficiently deploy an integrated **EMS**, **PMS** or **Smart Energy IoT system** in the Cloud



YUCHENG's Cloud Solution





Global Exhibitions

Are you ready to be part of the future we're building?

PART-07

- Whether you're looking to collaborate, invest, or join our team, now is the time to take action. Let's shape the future together — innovate, grow, and succeed as one.
- Contact us today to learn more about our solutions, explore partnership opportunities, or discuss how we can support your goals. Together, we can turn vision into reality.
- Let's connect. Let's grow. Let's lead.



Connect us!