



**Being a professional digital
intelligent power distribution
and energy storage system
solution provider**

HELLO!
I AM ELECNova



-Being a Professional Digital Intelligent Power Distribution and Energy Storage System Solution Provider-

Development Journey

Sfere was established

1998

"Multifunction Power Meter" was awarded Engineering excellent Product in 2008 Beijing Olympic.

2008

Won the top ten brands of China Building Electric

2015

Strategic partner of Schneider Electric
Ecellent partner of ABB Electric(China)

2021

ELECNova ENERGY STORAGE CO., LTD. established in Shanghai
The second intelligent production base was established

2023

2003

Awarded as "high-tech Enterprise"
Passed CE certification

2011

Participated in a number of national and industry standards

2019

Nanjing R & D Center was established

2022

Industrial upgrading Won "new little giant" enterprise

Based on China Facing the world



Local Services

Vietnam, Thailand, Indonesia, Philippines, Russia and other offices, Elecnova Europe

Corporate Culture



Mission

We endeavor to be a leading specialist in electrical application solutions



Vision

Become a professional digital intelligent power distribution and energy storage system solution provider



Values

Create value for customers
Share value with employees
Contribute value to the community



Key Figures

26

Company Establishment

205

Patents

600+

Employees

100,000+

Projects

16

Invention Patents

2000+

Distributors

8%

R&D Rate

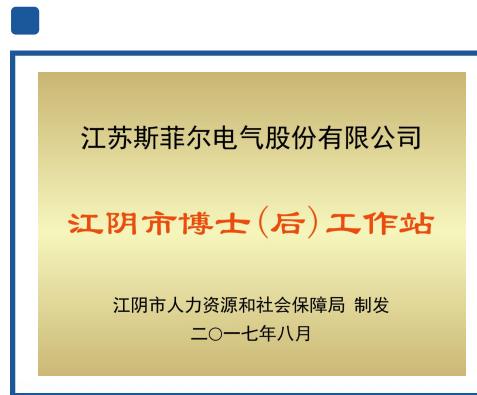
114

Software Copyrights

82.5 Million USD

2022 Revenue

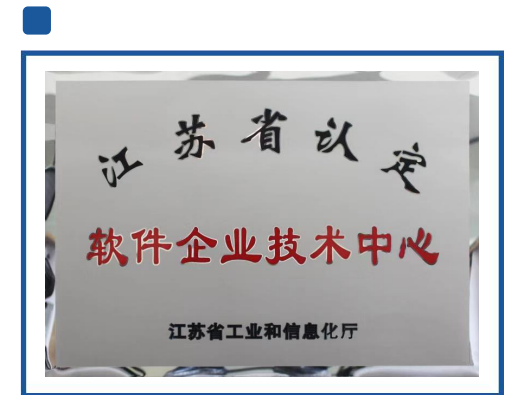
Design and R&D Capabilities



Postdoctoral Workstation



High-tech Enterprise



Software Company

Design and R&D Capabilities



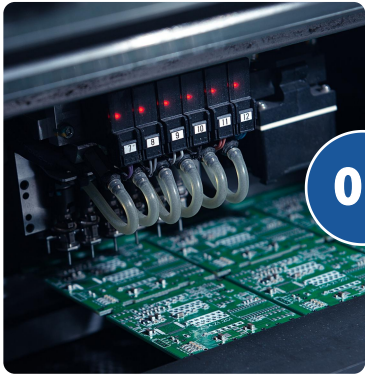
CNAS Central Laboratory Certification

Design and R&D Capabilities

Participated in National Standard

- Preparation of the national standard "Mounted digital display electrical Measuring Instrument" (GB/T 22264-2020)
- Participated in the drafting of the national standard "Mounted Digital Display electrical Measuring Instrument" (GB/T 22264-2008) as the main drafting unit;
- Participate in the preparation of the national standard of "General Technical Requirements for Intelligent Complete Sets of Low-voltage Switchgear and Control Equipment" (GB/T 7251.8-2020);
- Participated in the preparation of the national standard of "Low Voltage Complete reactive Power Compensation Device" (GB/T15576-2020);
- Participated in the compilation of "Common Motor Control Circuit Diagram" (10D303-2-3) national electrical design standard atlas;
- Participated in the preparation of the national standard "General Technical Conditions for Digital Motor Integrated Protection Device" (GB/T 14598.303-2011);
- Participated in the preparation of the national standard "Low voltage reactive Power Compensation Switching Device" (GB/T 29312-2012)
- Participated in the compilation of electrical design reference atlas of "Fire Equipment Power Monitoring System" (10CX504);
- Participated in drafting the energy standard of "Wind Power Low Voltage Complete reactive Power Compensation Device" (NB/T 31038-2012);
- Participated in the revision of the industry standard "Low Voltage Reactive Power Compensation Controller" (JB/T 9663-2013);
- Participated in the drafting of the national standard of "Special Requirements for AC Measuring Equipment Part II: Static Harmonic Active Power Meter" (GB/T 17215.302-2013);
- Co-edited the electrical design reference Atlas of Low Voltage Distribution System Harmonic Suppression and Control (11CD403) with China Building Standard Design and Research Institute;
- Participate in the preparation of the national standard for "Testing, measuring or monitoring equipment for electrical safety protection measures of low-voltage distribution systems below AC 1000V and DC 1500V - Part 12: Performance Measurement and Monitoring Devices (PMD)" (GB/T 18216.12-2010/IEC61557-12:2007).

Manufacturing Quality



01

Electrical Component Production Center

SMT production line, instrument automatic production line, with an annual output of 2 million intelligent meters production capacity



02

Power Quality Production Center

From the design, production and testing of traditional capacitive reactance, smart capacitor to SVG, AHF and reactive power compensation controllers, we provide comprehensive power quality control solutions with an annual production capacity of 10,000 units.



03

Electrical Equipment Production Center

Automatic wire harness processing line, intelligent copper bar processing line design to processing the whole process, with high and low voltage distribution cabinet, control cabinet, power quality cabinet design, production and testing capabilities, the annual production capacity of 10,000 cabinets



04

Energy Storage Product Production Center

From residential energy storage, industrial and commercial energy storage to centralized energy storage design, production and testing;

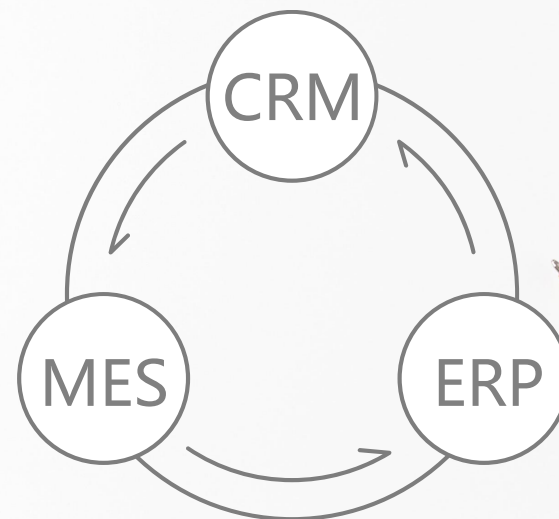
From battery PACK, PCS, BMS, EMS full-stack independent design and production capacity.

ERP-MES Management System

■ Production Informatization

Ensure quick response to customer needs and barrier-free traceability of the whole process quality control

Complete traceability of product quality; All-round control of production quality



Automatic Instrument Production Line

- The First Instrument Automatic Production Line Of this industry **industry in China**

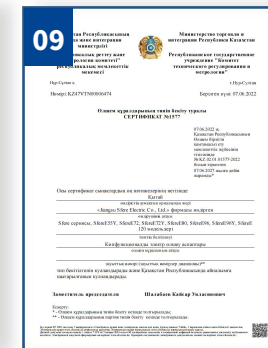
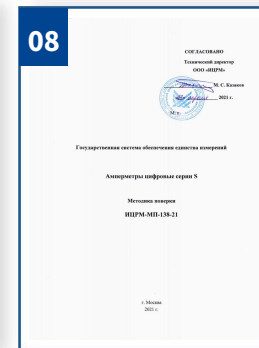
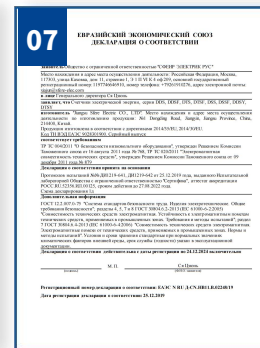
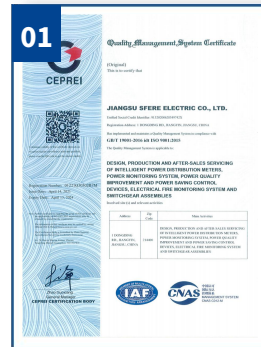
To realize the automatic completion of the whole process from assembly, testing and packaging, comprehensively improve production capacity and ensure quality.



A product can be taken off the line in 12 seconds

Certificates

- 01. Quality management system ISO 9001:2015
- 02. Environmental Management system ISO 14001:2015
- 03. Occupational Health and safety management system ISO 45001:2018
- 04. Laboratory management system ISO/IEC 17025:2017
- 05. CE certification
- 06. MID certification
- 07. EAC certification
- 08. PAC certification
- 09. GOST-K certification





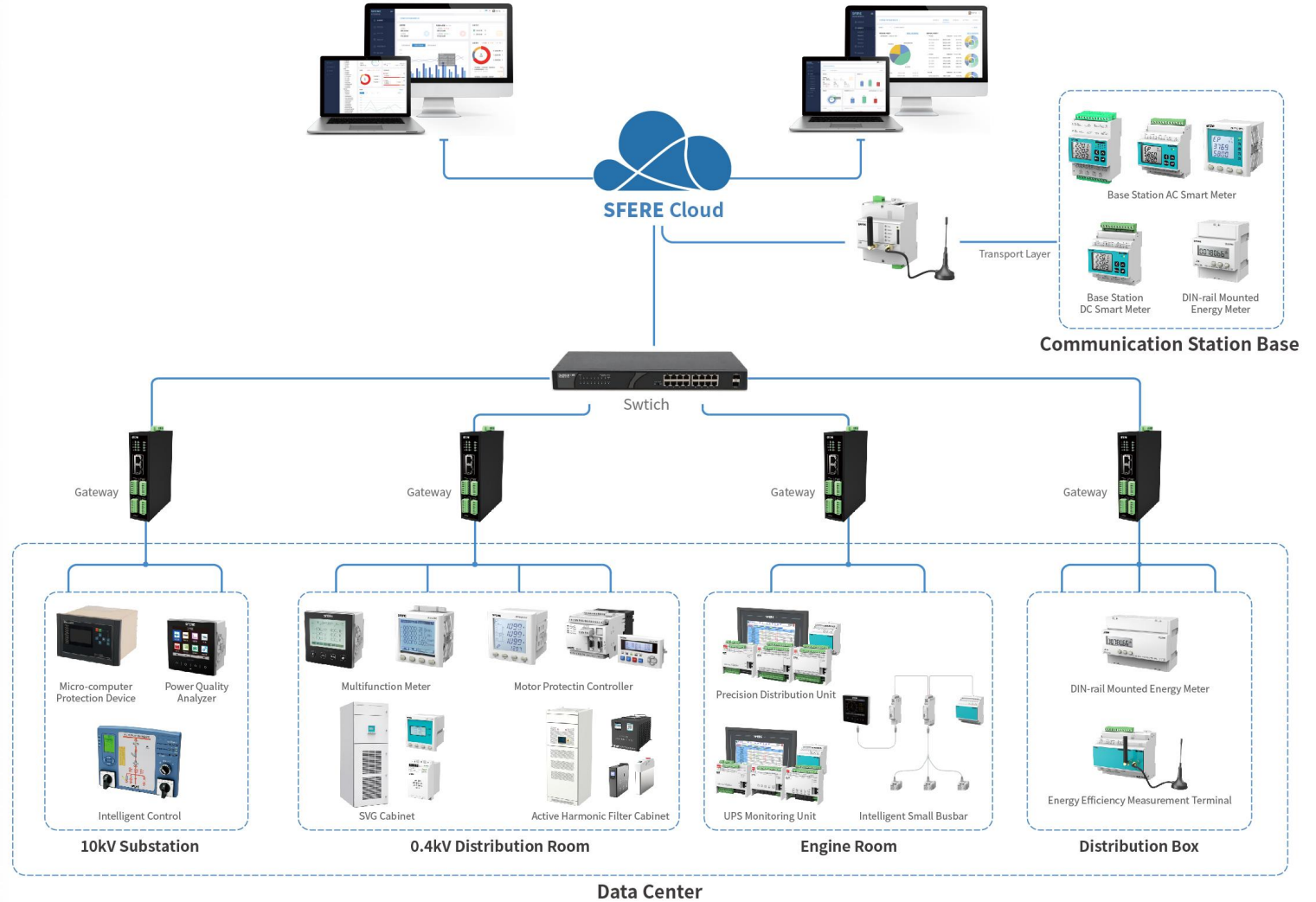
Application Analysis and Services

Communication Connection Layer

Intelligent Terminal Equipment

SOLUTION SFERE Power monitoring system

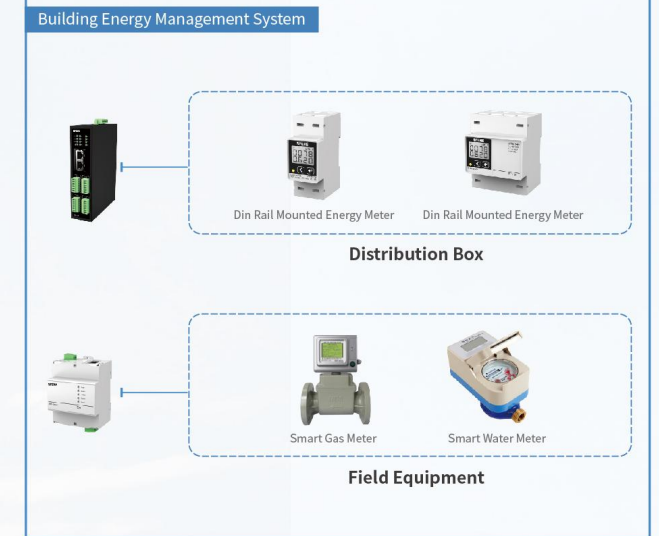
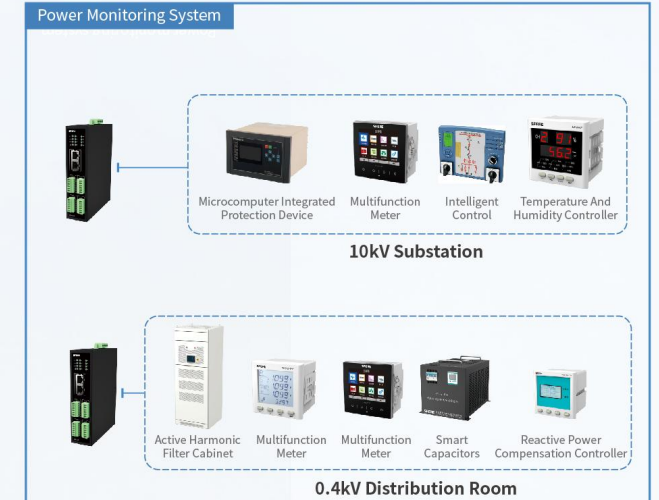
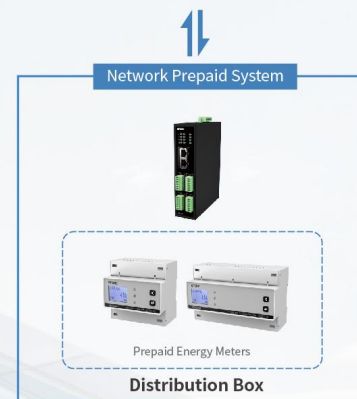
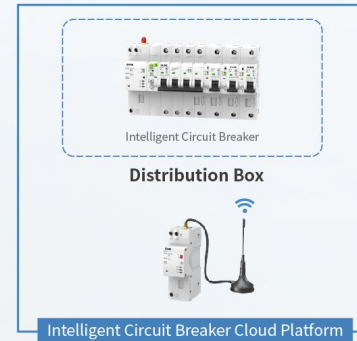
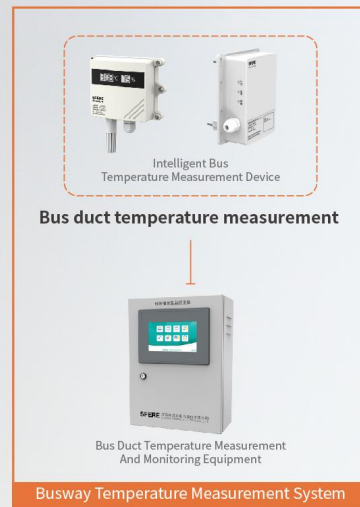
SOLUTION SFERE Energy management system





SOLUTION

- Power monitoring system
- Building energy management system
- Network prepaid system
- Intelligent circuit breaker cloud platform
- Busway temperature measurement system





Application Analysis and Services

Communication Connection Layer

Intelligent Terminal Equipment

SOLUTION SFERE Power monitoring system

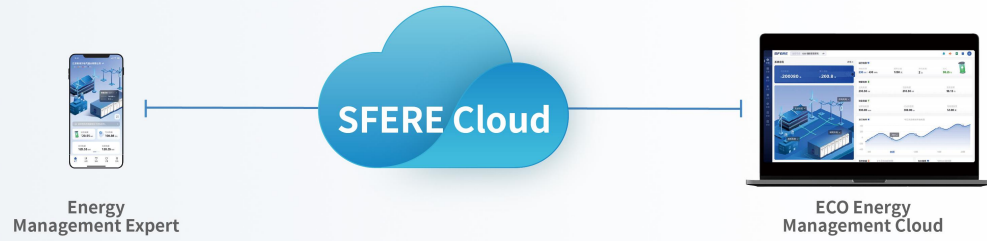
SOLUTION SFERE Energy management system





New Energy

Solutions for Different Industries



Power Generation

Hydro Power

Wind Power

Nuclear Power

Intelligent Power Generation Solutions

Photovoltaics

Liquid-Cooled Cabinet

Liquid-Cooled Energy Storage Container

Transmission, Distribution and Distributing Network

AC Booster Integrated Machine

Liquid-Cooled Cabinet

Liquid-Cooled Energy Storage Container

Power Consumption

Charging Station Charging Pile

Industrial Park Intelligent Factory

Distributed Power Station Intelligent Building

Household Energy Storage

Air-cooled all-in-one Cabinet 100kW/215kWh

Liquid-cooled all-in-one Cabinet 116kW/232kWh

Liquid-Cooled Cabinet 372kWh

Liquid-cooled Cabinet 3.72MWh

Outdoor Portable E300-236.8Wh

Wall-Mounted 5.12kWh

Low-Voltage Stacked 15.36kWh/20.48kWh/25.6kWh

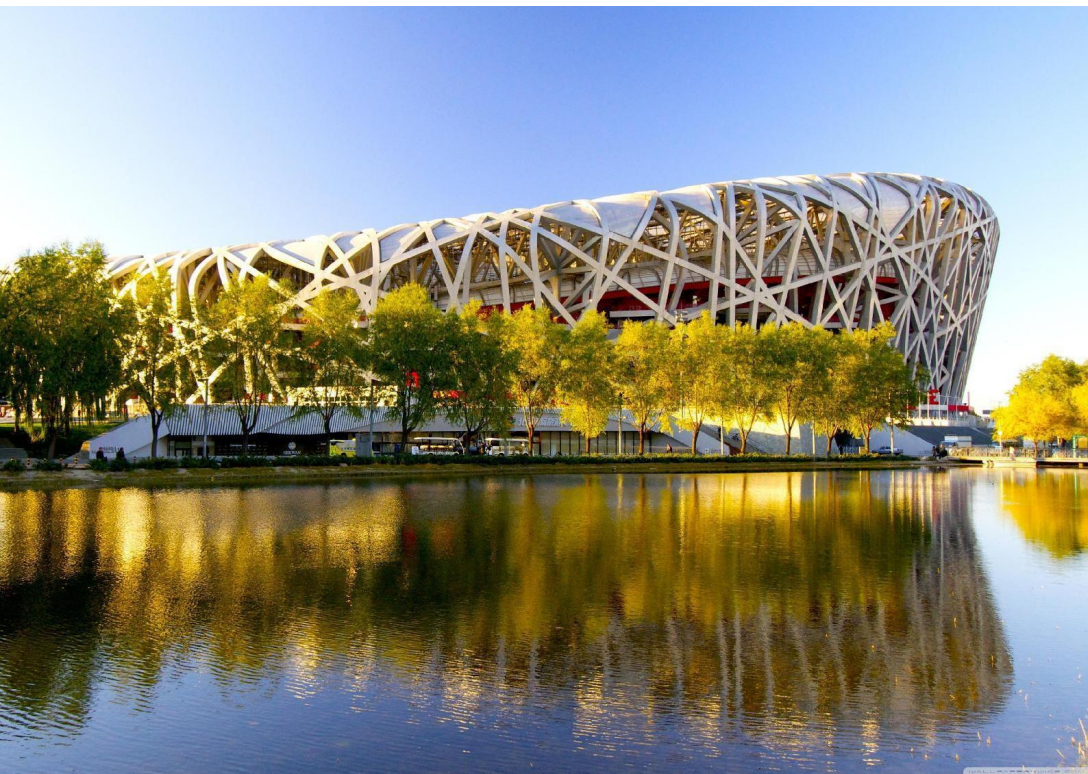
Global Partner



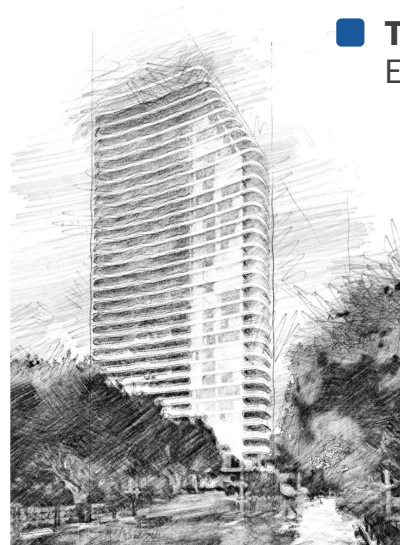
- Strategic Partner of **Schneider Electric**
- Excellent Partner of **ABB Electric(China)**



Our Honors



■ **Beijing Olympic Games Excellent Product Award**



■ **Top 10 Brands of Construction Electric in China**



■ **China Intelligent Building Electrical Industry Named "Top Ten Power Quality Brand Award"**



■ **The First Designer Preferred Brand "Top Ten Electrical Brands"**

Project Cases

Nanyang Technological University



Singapore

Don Mueang Airport



Thailand

Disneyland



Shang hai · China

Hoa Phat Dung Quat Steel



Vietnam

Charo

DCI Data Center II,JK5



Indonesia

Viettel Group



Vietnam

Luxshare



Vietnam

Centara Grand Mirage Resort



Thailand

Hong K

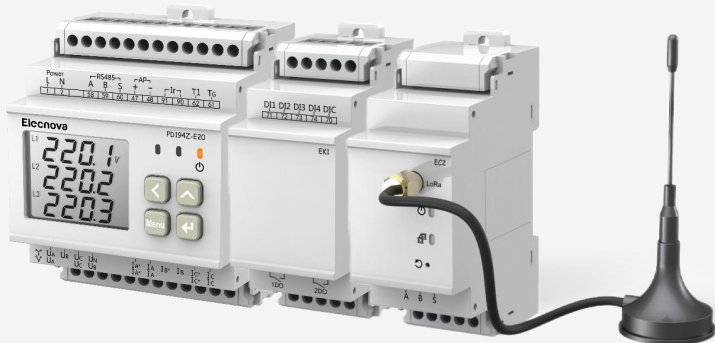
Measuring Electrical Components

- AC Multi-Functional Power Meter
- AC Multi-Circuit Monitoring Power Meter
- Digital Power Meter
- DC Multi-Functional Power Meter
- DIN-rail Mounted Energy Meter

2



Measuring Electrical Components



Protection Components

■ Motor Protection Controller

-WDH-31-200

-WDH-31-210

-WDH-31-530

-WDH-31-580

-SDX

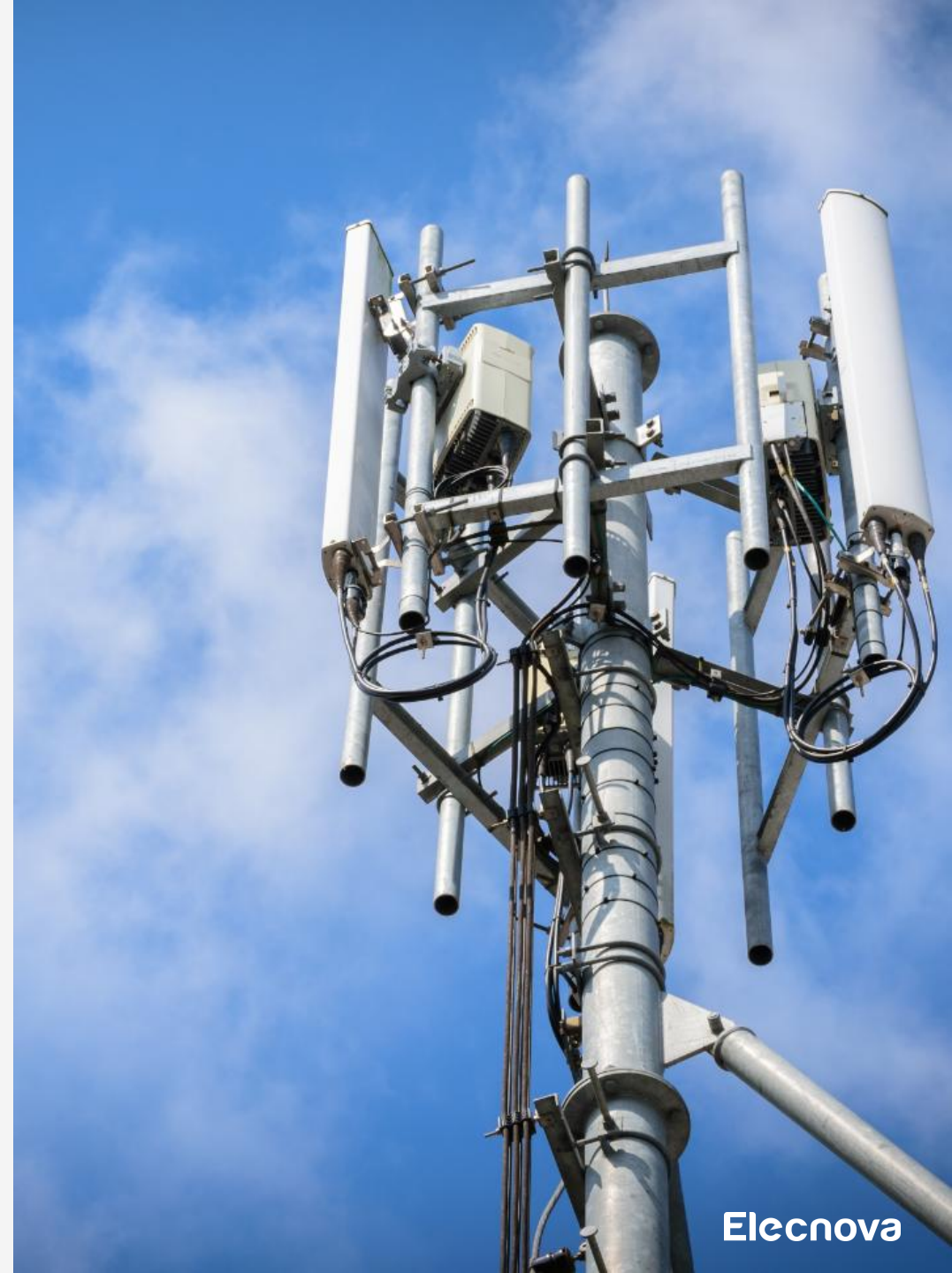


Protection Components



Communication Components

- Communication Gateway
 - SC2
 - S15
 - S20



Communication Components

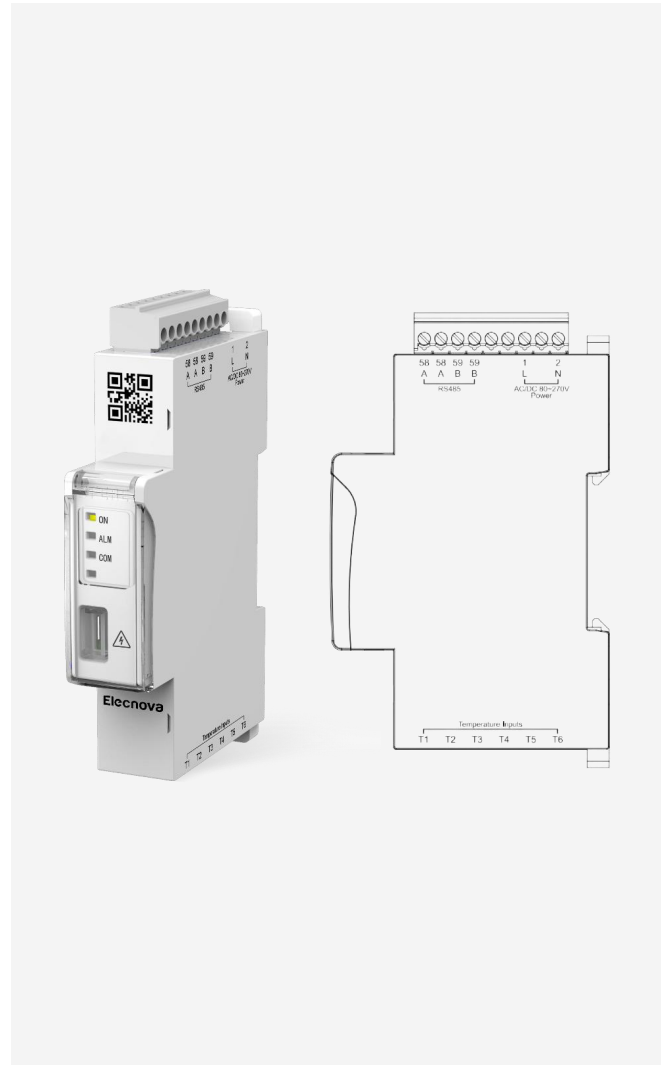


Safety Components

- Busway Temperature Monitoring System
- Temperature Monitoring Module



Safety Components



Switch Components

- Moulded Case Circuit Breaker
- Air Circuit Breakers
- Grade-PC/CB Automatic Transfer Switch
- Miniature Circuit Breaker
- Control and Protection Switch



Circuit breaker & Switch Components



Reactive Power Compensation and Harmonic Control

- SVG Static Var Generator
- LV Power Capacitor Bank
- SLG Series Capacitive reactance
- PF controller
- Static Var Genetator Cabinet
- AHF Active Harmonic Filter
- Active Harmonic Cabinet



Reactive Power Compensation and Harmonic Control



Product Line

Electrical Equipment Products

Electrical Equipment Products

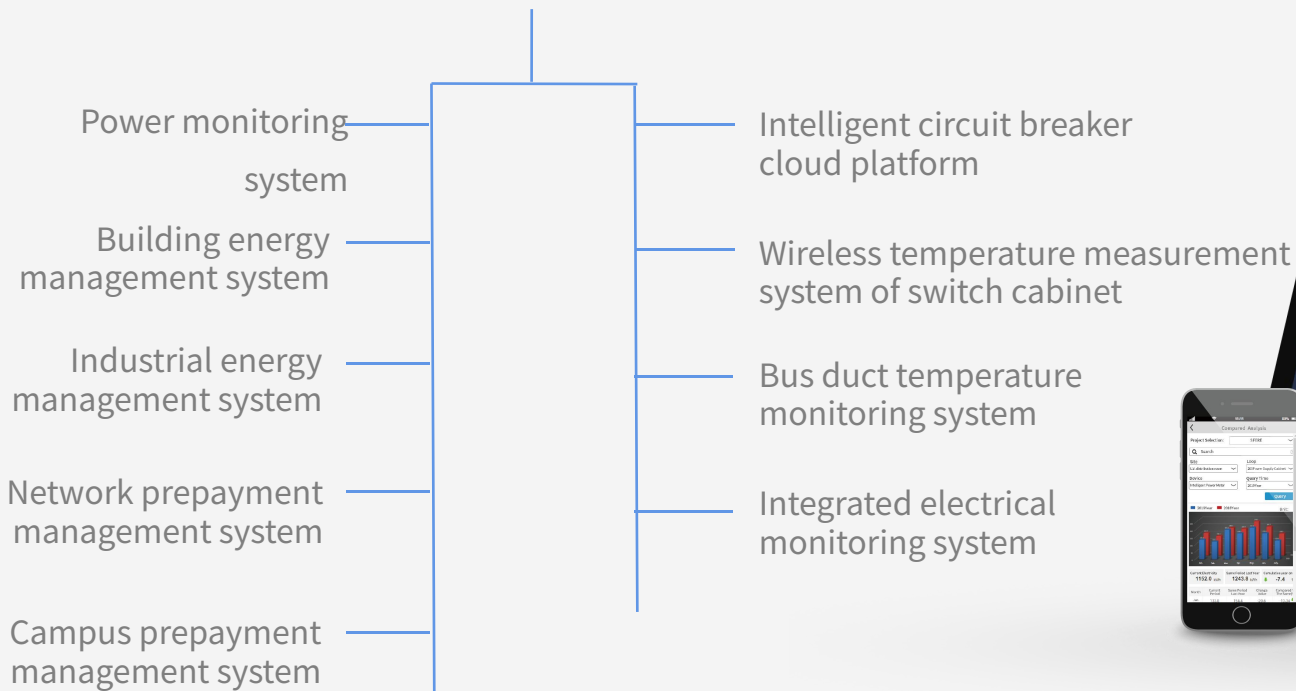
- Intelligent low-voltage Power Distribution Cabinet
- Control cabinet
- Array cabinet, Photovoltaic grid-connected cabinet, etc



Electrical Equipment Products



Sfere Equipment Access Platform



Product Line

Energy Storage Products

Energy Storage Products

- Industrial and commercial energy storage system
- Centralized energy storage
- Residential storage system



Energy Storage Product



Local Service Team

■ **80** Countries ■ **300** Distributors

■ **10** Overseas subsidiaries ■ **3** R&D Centers

■ **2** Manufacturing Bases

local Agents
Local Sales & Technical Support



E-commerce Platforms

- From the website, FACEBOOK, YOUTUBE to Alibaba, Amazon, AliExpress and other channels. Our customers can contact us, we provide good service and support at the first time.





THANKS