WANZN ENERGY SAFETY

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WeChat official account

WANZN ENERGY SAFETY

Escort the fireless nature grace to every corner of the world



ENERGY AND FIRE SAFETY PRODUCTS MANUFACTURER & GLOBAL INTEGRATED SOLUTION PROVIDER

Wanzn is a leading global manufacturer of energy storage fire safety products and a comprehensive solution integrator. The company is committed to providing customers with the most extensive technical support and after-sales service for energy fire safety, covering a wide range of sectors, including commerce, industry, public institutions, and infrastructure. Wanzn has established branches in Eastern, Southern, and Central China, and has successfully obtained certifications from SGS for its ISO9001 quality management system, ISO14001 environmental management system, and ISO45001 occupational health and safety management system. Changzhou Smart Factory has passed IATF16949 certification.

To support the rapid development of new energy enterprises, both domestically and internationally, in terms of safety needs, Wanzn established the Energy Fire Safety Business Unit in 2012, becoming one of the earliest companies in China to provide energy storage systems that comply with NFPA standards. Wanzn offers comprehensive technical solutions for energy security and can assist clients in completing AHJ audit deliveries. The company continues to invest heavily in product and system research and development, enabling it to maintain an industry-leading position in technological innovation, product innovation, brand recognition, and global authoritative organization certification in energy storage and fire safety.

Global Vision · Following Rules to Advise

International fire safety brand partners **30+**

Global Project Use Cases Countries and Regions **100+**

Experience in entering the BESS fire protection system industry **14+**

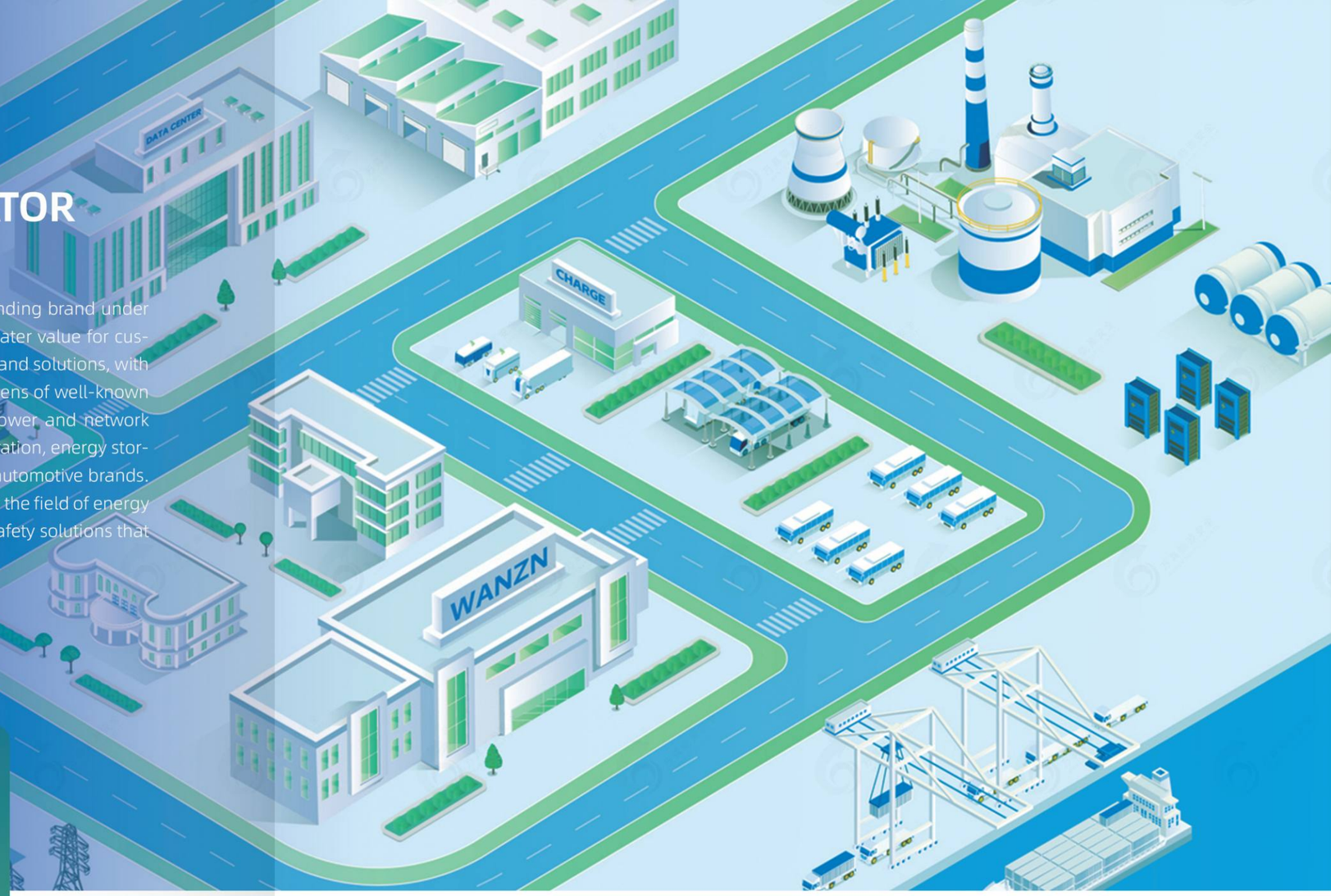
Professional technical personnel in energy and fire safety **50+**



BV CE UL ULC FM ACTIVFIRE Vds LPCB UKCA CCC

ACHIEVE EXCELLENCE, ENERGY AND FIRE SAFETY NAVIGATOR

Wanzn adheres to technology driven and product innovation. FireFly is an outstanding brand under Wanzn, providing customers with better solutions and products, and creating greater value for customers. Wanzn is the first company in China to focus on energy fire safety products and solutions, with project use cases in over 100 countries, and has become a strategic partner of dozens of well-known international fire brands. The company has long served customers in various power and network energy data centers such as energy storage power stations, gas-fired power generation, energy storage power stations, nuclear power, wind power, new energy power, and leading automotive brands. The company has over 50 technical talents with more than 10 years of experience in the field of energy fire safety, and can provide customers with fire safety standards and customized safety solutions that comply with NFPA/EN/AS/GB.



Professional Energy and Fire Safety Partner

- In 2012, the first provider of NFPA standard energy storage projects.
- In 2017, the first UL standard addressable intelligent fire protection, fire suppression, and lighting solution was applied to modular data centers.
- In 2018, the first energy storage project to apply active combustible gas detection to NFPA standards.
- In 2018, the first energy storage project to apply self-developed suppression tube fire extinguishing products to NFPA standards.
- In 2019, the first energy storage project to apply self-developed active air intake and exhaust systems to the NFPA standard.
- In 2019, an NFPA standard energy storage project (652MW) was provided for the largest single ESS project at that time.
- In 2021, provide the EN standard energy storage project (1.3GW) for the largest single ESS project at that time.
- In 2021, won the Best Fire Safety Solution Award in China's Energy Storage Industry. In 2022, the first energy storage project to mass apply the design of Explosion Vents to the NFPA standard.
- In 2023, Gaogong Energy Storage - New Product Innovation Award.
- In 2024, Changzhou Smart Manufacturing Factory was officially completed and launched (IATF16949).

Manufacturer of Fire Safety Products

Wanzn is a professional manufacturer of fire safety products, providing customers with excellent fire safety products (UL38/UL268/UL217/UL884/UL1638/UL2075/UL1424/UL2196/UL2127/UL2166/UL2775/UL199/UL1-384, etc.), including early gas detection, Flexible suppression T-Tube, active intake and exhaust systems, fire detection and extinguishing systems, pressure relief devices, etc. Wanzn's products are of reliable quality and comply with international standards, committed to protecting the safety of energy storage systems.

Fire Safety Plan Design Party

According to relevant standards such as NFPA855, we are able to provide energy storage fire protection system design solutions that comply with BSEN5839/EN15004/EN12845/EN14491/ISO6184/VDI3673/NFPA72/NFPA001/NFPA13/NFPA750/NFPA2010/NFPA68/NFPA69/AS7240/AS1670/AS4214/AS4118/AS2118/AS4587/AS4487 standards. We can deliver them quickly under high quality requirements and solve the global access problems of energy storage products for our customers.

Fire Safety System Integrator

Strictly follow the implementation procedures of Wanzn's fire safety system project for system integration, and all operation process documents are subject to IATF 16949 quality system control. Wanzn provides global and full lifecycle after-sales support services to support customers' operation and maintenance issues after the delivery of energy storage products at home and abroad.

WANZN CORPORATE CULTURE

Professional Excellence
Wanzn is dedicated to pursuing professional excellence through continuous learning and the accumulation of in-depth industry knowledge. The company consistently enhances its technical capabilities and market awareness to ensure that its products and services remain at the forefront of the industry, delivering the highest level of expertise to its customers.

Customer Orientation
Customer satisfaction is the core value that drives Wanzn's work. The company listens closely to its customers' needs, deeply understands their challenges and goals, and provides tailored solutions to address their unique requirements. Wanzn is committed to building long-term, collaborative relationships with its customers, growing together and achieving mutual success.

Innovation and Progress
Wanzn encourages innovation and continuous improvement, fueling the development of cutting-edge technology and business strategies. The company empowers its team members to propose new ideas and solutions, promoting a culture of creativity and progressive thinking. Wanzn actively responds to industry changes and challenges, constantly seeking new opportunities and breakthroughs to stay ahead of the curve.

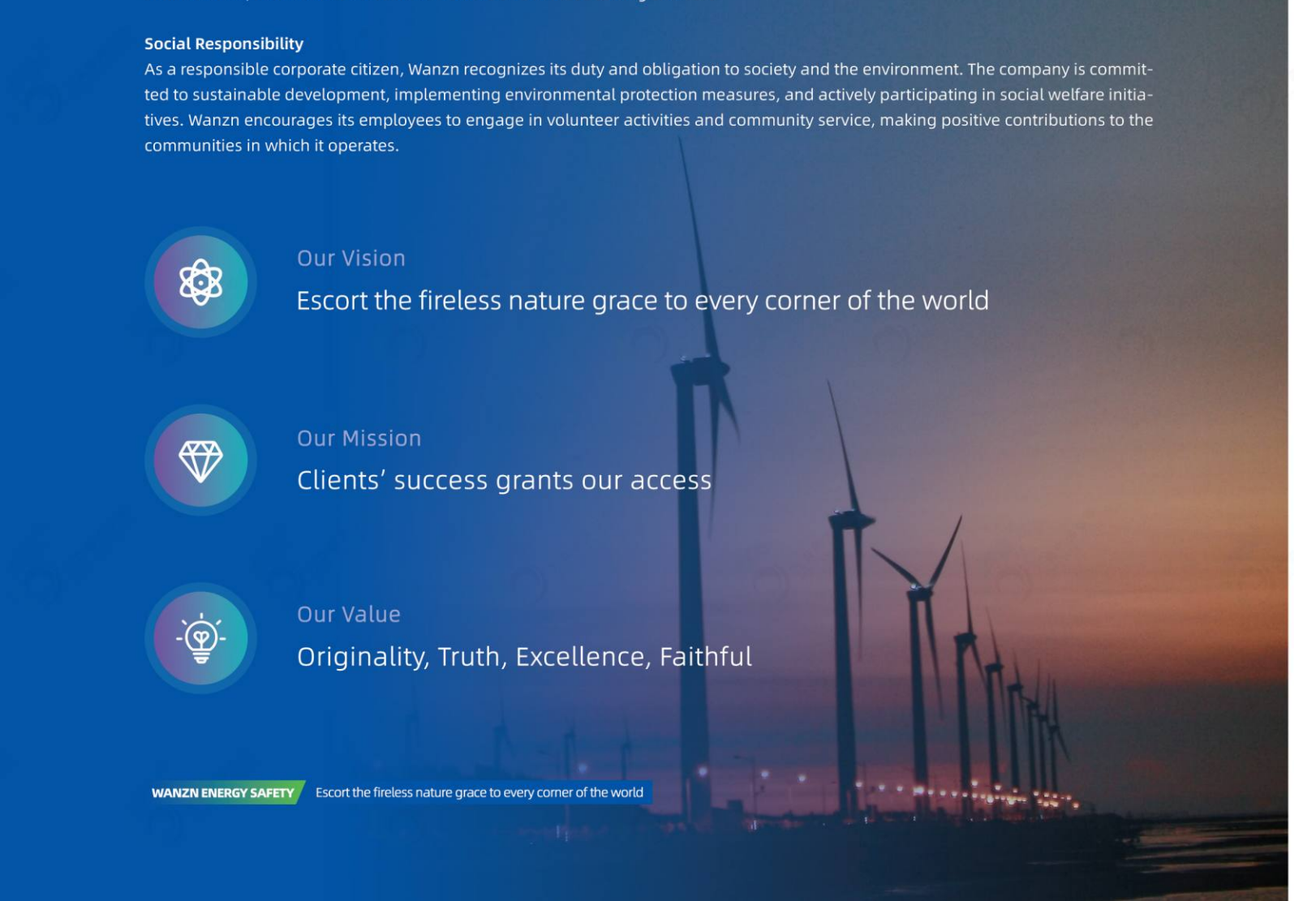
Teamwork
Wanzn emphasizes the power of teamwork and collaborative spirit. The company encourages mutual support, trust, and respect among its team members, fostering cooperation to achieve common goals. Wanzn believes that through effective coordination and collaboration, it can better serve its customers and achieve lasting success.

Social Responsibility
As a responsible corporate citizen, Wanzn recognizes its duty and obligation to society and the environment. The company is committed to sustainable development, implementing environmental protection measures, and actively participating in social welfare initiatives. Wanzn encourages its employees to engage in volunteer activities and community service, making positive contributions to the communities in which it operates.

Our Vision
Escort the fireless nature grace to every corner of the world

Our Mission
Clients' success grants our access

Our Value
Originality, Truth, Excellence, Faithful



WANZN ENERGY SAFETY Escort the fireless nature grace to every corner of the world

COMPLIANCE ESCORT

Provide energy storage fire safety solutions that comply with overseas regulations such as national standard 3C, American standard NFPA, European standard EN, Australian standard AS, etc;
To ensure the compliance of customer projects.

EXCELLENT QUALITY

Adhere to ISO9001 and IATF 16949 quality management systems, use digital technology to trace the source of raw materials;
Provide products certified by authoritative third parties such as UL, FM, CE, LPCB, VDS, AS, ATEX, etc;
Provide customers with high-quality products.



FAST AND STABLE DELIVERY

Having Changzhou Smart Manufacturing Factory, Shanghai Lingang R&D Center (Under Construction), and two major delivery centers in East and South China;
A comprehensive global supply chain system and strategic partners with dozens of overseas component manufacturers in China;
Provide customers with fast and stable product delivery.

GLOBAL SERVICES

A service network covering the world, in collaboration with internationally renowned fire service providers, to jointly provide full lifecycle service guarantee;
Solve the concerns of overseas after-sales service for customers.

ADDRESSING FIRE PROTECTION SYSTEM

UL/CE/AS/GB

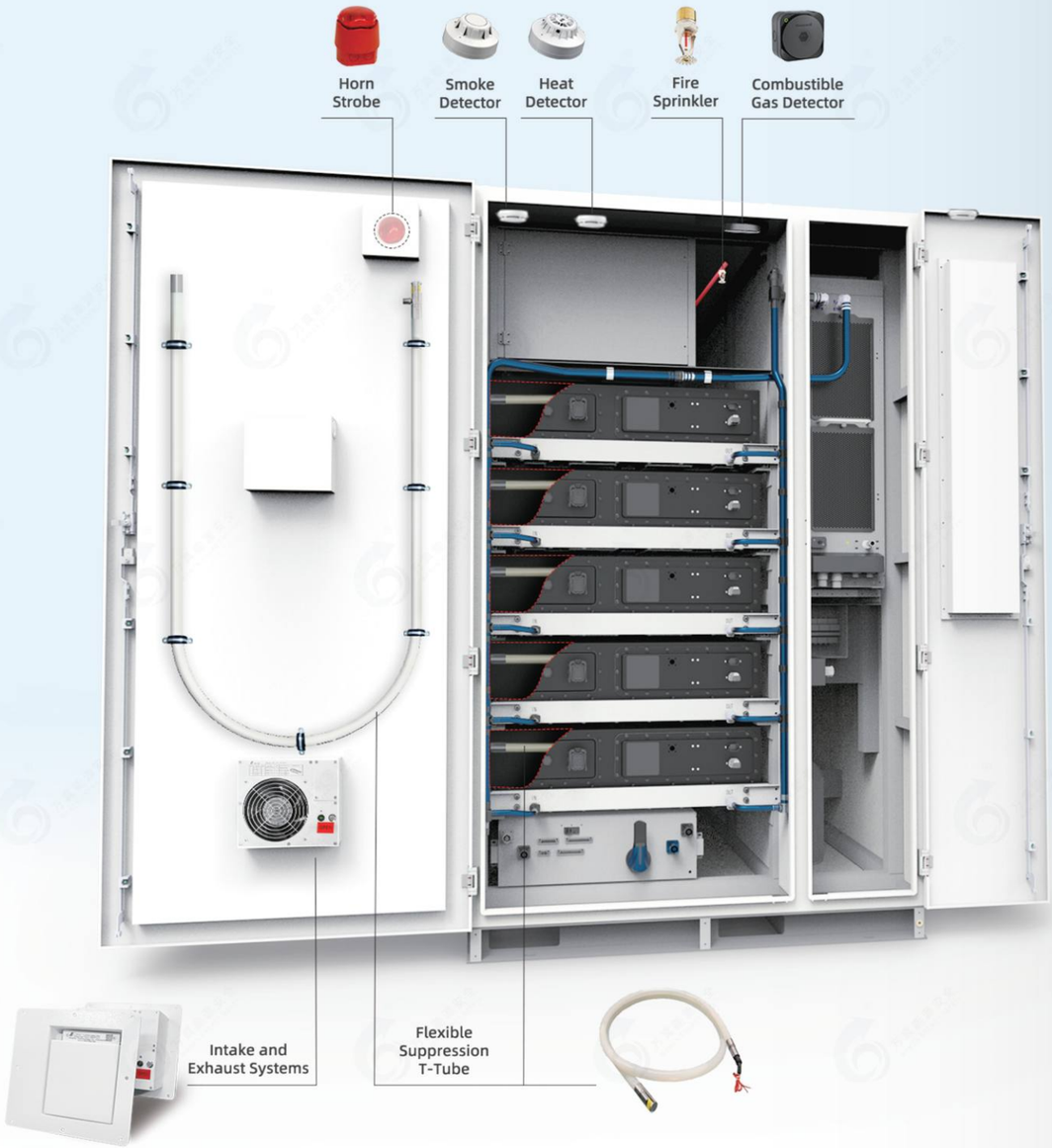


CONVENTIONAL FIRE PROTECTION SYSTEM

UL/CE/AS



T-TUBE FIRE PROTECTION SOLUTION



AEROSOL FIRE PROTECTION SOLUTION

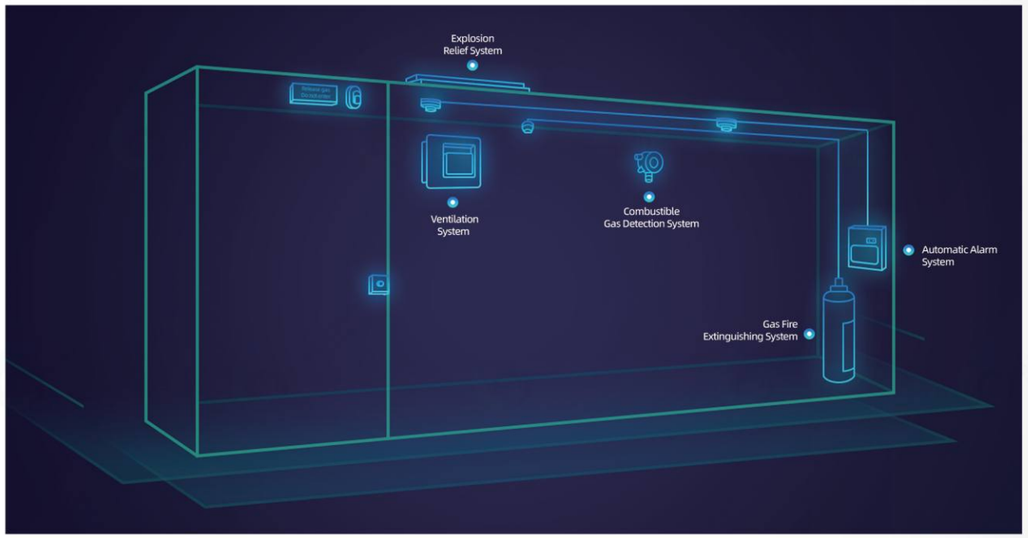


ENERGY SYSTEM FIRE PROTECTION SOLUTIONS



Energy Storage Box

Energy storage fire safety overall solution, real-time monitoring, timely warning, fully automated fire extinguishing, providing comprehensive safety protection.



Automatic fire alarm system

Sensitive detection and diversified small fire extinguishing systems, suitable for the narrow space needs of battery compartments and electrical cabins

Gas fire extinguishing system

The system responds quickly and is easy to maintain. Fire extinguishing agents are safe, efficient, and pollution-free.

Combustible gas detection

Widely applicable, flexible installation, can achieve primary warning of thermal runaway and linkage control.

Ventilation system

The equipment has a compact size and explosion-proof level, which can effectively discharge flammable and toxic gases, and has good ventilation and heat dissipation effects.

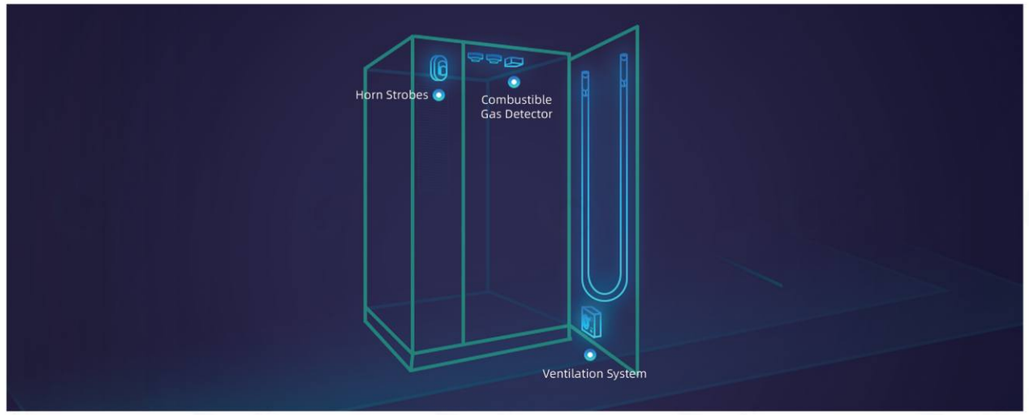
Explosion vent system

Relieve pressure, reduce property damage, protect personnel safety, and effectively prevent secondary explosions.

WANZN ENERGY SAFETY Escort the fireless nature grace to every corner of the world

Outdoor Cabinet

Real time automatic monitoring and control, with high accuracy, achieve early warning, and fully automate fire extinguishing to ensure safety and worry free operation.



T-Tube & Aerosol device

The system is easy to install, occupies minimal space, and has a simple design, thereby minimizing installation and maintenance costs.

Gas fire extinguishing system

The system has fast response speed and simple maintenance.
Fire extinguishing agents are safe, efficient, and pollution-free.

Combustible gas detection system

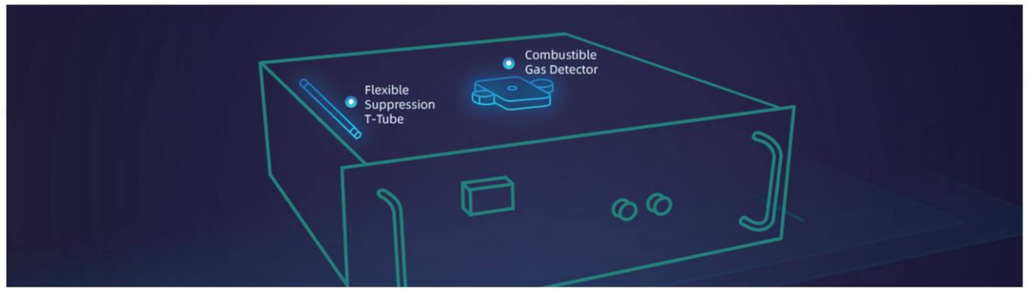
The system has a wide range of applications, flexible installation methods, and can achieve primary warning and linkage control of thermal runaway to improve overall fire safety.

Ventilation system

The equipment is compact, explosion-proof, and can effectively discharge flammable and toxic gases, while providing good ventilation and heat dissipation.

PACK Level Fire Protection

Pack level accurate fire identification, initial alarm, and simple and efficient fire extinguishing system.



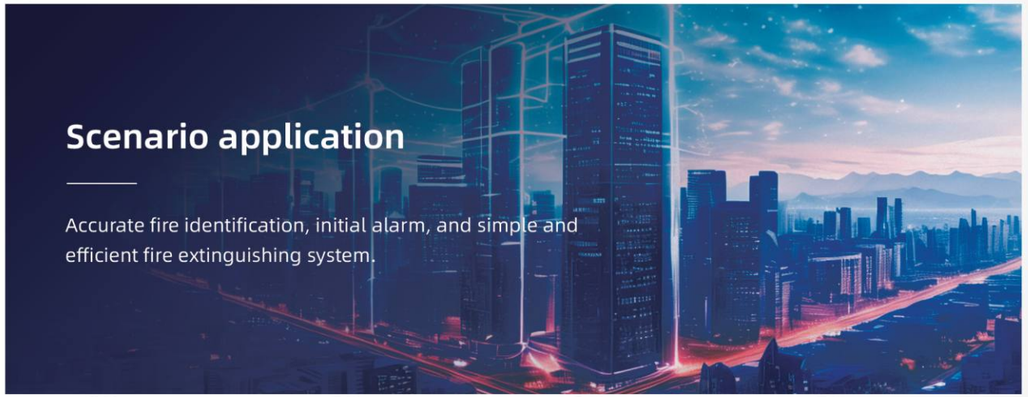
Flexible suppression T-Tube

Suitable for small enclosed spaces such as battery packs, with a variety of output feedback and startup methods to choose from.

PACK level combustible gas detector

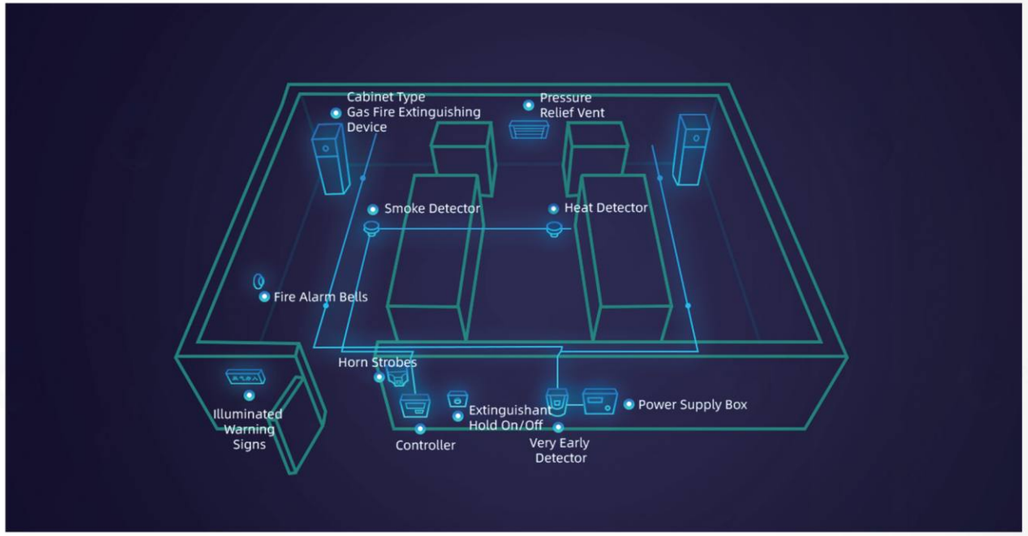
Small in size, with a long usage cycle and sensitive detection, it can achieve primary warning of thermal runaway.

FIRE PROTECTION SOLUTIONS
FOR INDUSTRIAL & COMMERCIAL APPLICATIONS



Internet Data Center

Gas fire extinguishing system can greatly reduce the damage of fire extinguishing to electrical equipment, with simple and flexible operation, efficient early warning, and effective suppression of fire.



Automatic fire alarm system

Sensitive detection and diverse fire extinguishing systems are also suitable for the needs of multi scenario spaces such as modular data centers, battery cabins, and electrical cabins.

Gas fire extinguishing system

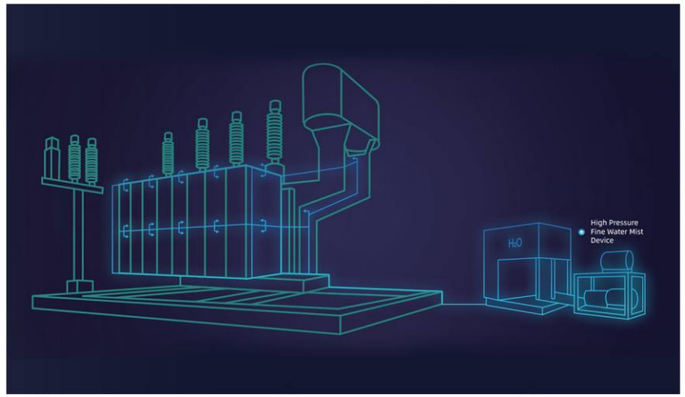
The cabinet type gas fire extinguishing system has fast response speed and simple installation and maintenance. Fire extinguishing agents are safe, efficient, and pollution-free.

Very early detection system

In the very early stages of a fire, achieving μ Smoke particle detection with extremely high sensitivity and low maintenance cost.

Power Station

Insulated fire extinguishing system, preferred for live fire, reduces water damage in fires, efficiently ensures power safety, and reduces economic loss risks.



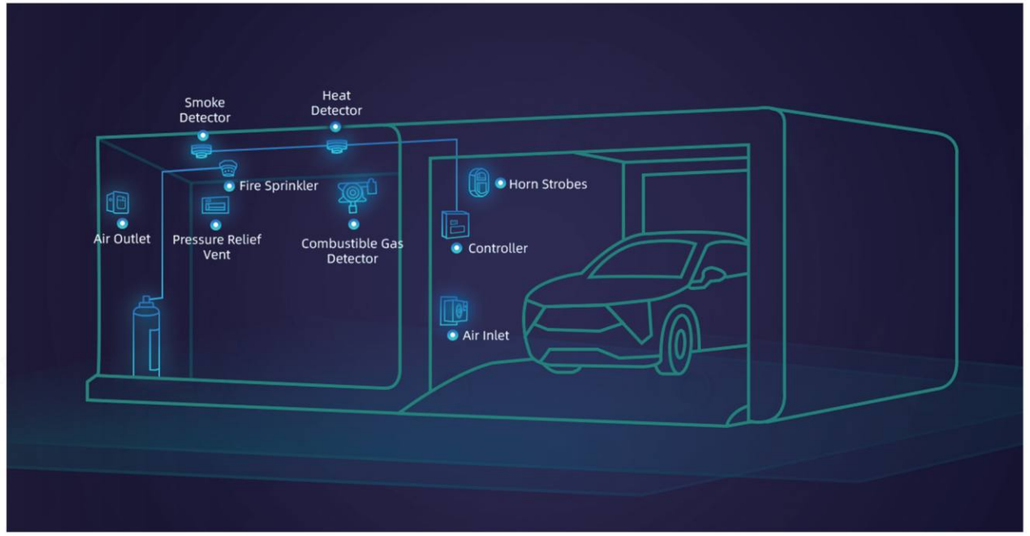
High pressure fine water mist system

Realize the triple effect of cooling, suffocation, and insulation radiation on electrical fires, ensuring stable and reliable system performance.



Quick Station Change

A stable and reliable energy storage fire safety system, suitable for dense battery storage scenarios, for effective initial fire control, ensuring worry free safety of quick change stations.



Automatic fire alarm system

Sensitive detection and diversified small fire extinguishing systems, suitable for the narrow space needs of battery compartments and electrical cabins

Gas fire extinguishing system

The system responds quickly and is easy to maintain. Fire extinguishing agents are safe, efficient, and pollution-free.

Combustible gas detection

Widely applicable, flexible installation, can achieve primary warning of thermal runaway and linkage control.

Ventilation system

The equipment has a compact size and explosion-proof level, which can effectively discharge flammable and toxic gases, and has good ventilation and heat dissipation effects.

Explosion vent system

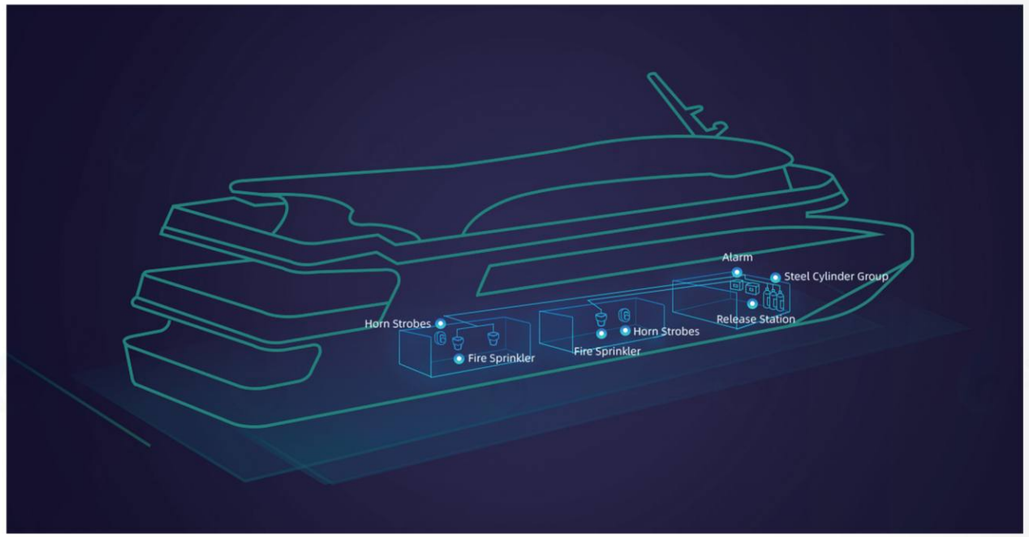
Relieve pressure, reduce property damage, protect personnel safety, and effectively prevent secondary explosions.

FIRE PROTECTION SOLUTIONS
FOR TRANSPORTATION & MECHANICAL EQUIPMENTS



Marine Fire Protection

The classification certification fire safety system ensures the safety of ships without worries and prevents fire risks, and is a key protective facility for ship navigation.



Marine fire alarm system

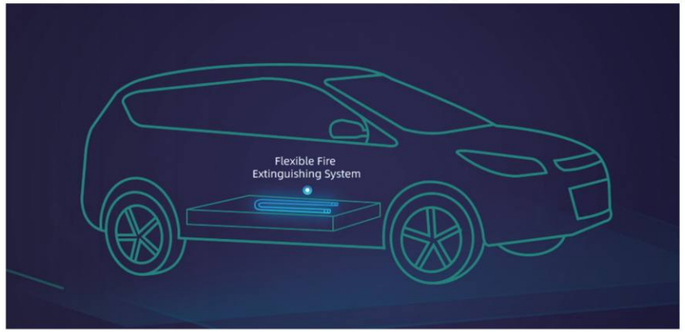
Diverse selection, with sensitive detection capabilities, able to meet the needs of small spaces in battery and electrical compartments, stable and efficient.

Marine gas fire extinguishing system

The system has fast response speed and simple maintenance. The product performance meets the classification standards, and the fire extinguishing agent is safe, efficient, and pollution-free.

Vehicle Fire Protection

The vehicle level certified fire safety system is an essential facility for ensuring vehicle safety and preventing fires, significantly improving vehicle safety performance.

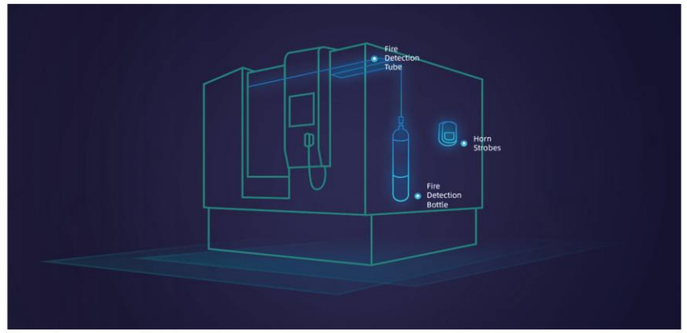


Flexible fire extinguishing system

Prefabricated set of fire extinguishing devices, easy to install.

CNC Machine Tools

High frequency operating machinery is prone to heating up, and a safe and efficient fire protection system provides protection for machine tool equipment, ensuring worry free fire protection.

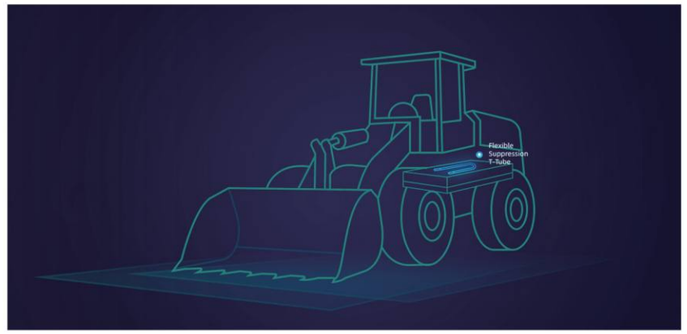


Fire detection system

Can be applied in confined and complex flammable spaces or equipment, located in close proximity to the protected object, offering high fire extinguishing efficiency and low cost.

Engineering Machinery & Equipments

Exposure to high temperatures can easily lead to fires, and there is a high risk of aging power lines. The flexible fire safety system provides efficient protection, ensuring the safety of construction machinery and equipment.



Flexible suppression T-Tube

Easy to install, takes up minimal space, and the simple design minimizes installation and maintenance costs.

WANZN DEVELOPMENT HISTORY

Wanzn is a product manufacturer and global solution integrator that provides long-term services in the fields of energy and fire safety, including energy storage power stations, gas-fired power generation, energy storage power stations, nuclear power, wind power, new energy power, and network energy data centers. In the development process of energy fire safety, we have established strategic partnerships with multiple well-known international fire brands, continuously meeting industry needs through technology driven and product innovation. Wanzn provides customers with one-stop energy fire safety solutions, including product solutions, technical support, and reliable after-sales service.



2012

·Wanzn (Guangdong) Company Established
·Developed the first ESS that complies with NFPA standards and shipped to the US

2013

·BYD Energy Supplier

2014

·Shenzhen CLOU Electronics Energy Supplier

2015

·Innovative research and development of prefabricated modular network energy security system
·CIMC Group Partner

2016

·Supplier of Sunshine Samsung, Trina Solar, and Lishen Battery
·Supplier of Sinexcel, Sunwoda

2017

·Fire Protection System for the Joint Inspection Building of the Hong Kong Zhuhai Macao Bridge
·Dubai Airport Modular Data Center Fire Protection System

2018

·Supplier of Kehua, Topband, and Taoke Energy

2019

·Supplier of CATL, and Shanghai Electric Gotion
·Completed Jupiter Power 652MWh (maximum at that time)

2020

·Complete 99.8MWh of Huaneng Mendi Energy Storage Power Station (Maximum overseas energy storage of Huaneng)
·Supplier of Zhongneng Technology, Shuangdeng Group, SVOLT, Narada, Cubenergy, and Poweroad

2021

·Supplier of Pylontech, SYL Battery, RCT Power, NARI Technology, Canadian Solar and China Energy Construction
·Supplier of 14th Research Institute of China Electronics Technology and Weichai Ballard
·Complete the large-scale energy storage power plant project for ENEL Green Power and Vistra Energy

2022

·Saudi Arabia's World's Largest Energy Storage Project 1.3GWh
·Italy's largest energy storage project 340MWh
·Comprehensively build Wanzn 2.0 version: Adhere to core technology, focus on customer service, and guide behavior results

2023

·Reconstruct organizational structure, and establish the headquarters of Wanzn in Shanghai
·Wanzn's digitalization strategy has been fully launched
·Shanghai International Standard Laboratory & Changzhou Smart Manufacturing Factory Strategy Confirmed
·SUNGROW UK Statera project 870 MWh

2024

·Wanzn Energy Safety Company was established
·The Changzhou Smart Manufacturing Factory has officially been completed and launched, achieving compliance with IATF16949
·Signed an investment agreement with Shanghai Lingang Management Committee
·BYD Saudi Arabia TG Project 1.2 GWh
·CLOU Chile Project 650 MW

2025

·Signed an investment agreement with Wujin, Changzhou
·Wanzn digital intelligent system officially launched
·SUNGROW Saudi Arabia project 7.8 GWh
·JinkoSolar Chile Project 1 GWh

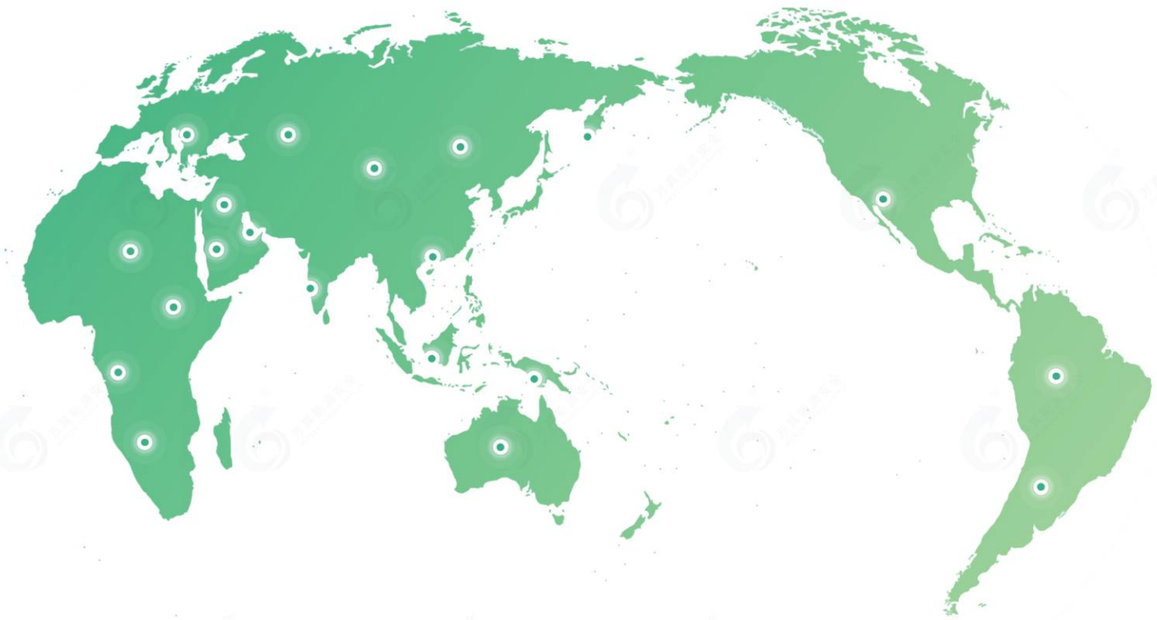
PROJECT USE CASES COVERING THE ENTIRE WORLD

Wanzn's products are sold to more than 100 countries and regions worldwide, with a wide range of project use cases. With excellent energy and fire safety solutions, we provide customers with reliable safety protection.

Wanzn's global sales network enables Wanzn to serve global customers and establish strategic partnerships with dozens of international fire brands.



Global Service Network



Long Term Partners

SUNGROW 阳光电源 · BYD 比亚迪储能 · CATL 宁德时代 · SUNWODA 欣旺达 · JinkoSolar · REPT 瑞浦兰钧 · 上海电气 SHANGHAI ELECTRIC · 南都电源 Narada · Trinasolar 天合光能 · Powin · Sinexcel 盛弘电气 · 国轩高科 GUOXUAN HIGH-TECH · EVE 亿纬锂能 · Hite 海得电气 · RCT power · TOPBAND 拓邦 · HTHIUM 海辰新能源 · 库博能源 · 科陆电子 · risen 东方日升 · KELONG 科华技术 · Ampace · WÄRTSILÄ · PYLONTECH · SVOLT 蜂巢能源