



WANZN

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CLIENTS' SUCCESS GRANTS OUR ACCESS

WANZN ENERGY SAFETY



COMPANY PROFILE

ORIGINALITY, TRUTH, EXCELLENCE, FAITHFUL

Wanzhen energy safety originated in Guangzhou and specializes in providing fire protection solutions. It has been working with modular mobile devices, power plants, commercial buildings, and energy enterprises for over a decade. Since 2018, in order to support the rapid development of safety needs for domestic and foreign new energy enterprises, Wanzhen has opened up a business sector that focuses on serving energy security and providing systematic technical solutions for energy security, becoming the earliest supplier in China to provide energy storage fire protection systems that comply with NFPA standards, and completing AHJ audit delivery, we are a professional fire safety enterprise that integrates research and development, design, technical support, and after-sales landing services.

- Long service in New Energy Facilities such as energy storage power stations, gas-fired power generation, pumped storage power stations, nuclear power, wind power, and power network data centers.
- More than 20 firefighting professionals and technicians, most of whom have over 10 years of industry experience
- Fire protection application designers can provide fire protection solutions that comply with NFPA/EN/GB
- Focusing on building grade industrial special fire protection solutions
- Focusing on modular mobile device fire protection solutions
- Project use cases in over 100 countries and regions
- Dozens of authorized distributors of international fire equipment brands
- Smooth access to overseas products and services
- Provider to offer NFPA standard BESS fire protection solutions (2012)
- BESS fire protection solution provider to offer GB standard (2014)
- Large-scale application of EN standard fire protection solutions to modularized data centers (2015)
- UL standard addressable fire detection, fire suppression and emergency lighting solution integrated to modularized data center (2017)
- BESS fire protection solution to apply active flammable gas detection to NFPA standards (2018)
- BESS fire protection solution to use active exhaust systems in accordance with NFPA standards (2019)
- BESS Fire protection solution to apply deflagration panel in accordance with NFPA Standards (2022)
- Provide the NFPA standard ESS fire protection plan (652MW) for the largest single ESS project at that time (2019)
- Provide EN standard ESS fire protection plan (1.3GW) for the largest single ESS project at that time (2021)
- Received the Best Fire Safety Solution Award in China's Energy Storage Industry (2021)



Vision

Escort the fireless nature grace to every corner of the world



Mission

Clients' success grants our access



Value

Originality, Truth, Excellence, Faithful

GLOBAL APPLICATION

 **30+**

International Fire Safety
Brand Partner

 **4+**

Guangzhou, Shanghai, Hangzhou,
and Xi'an, etc

 **20+**

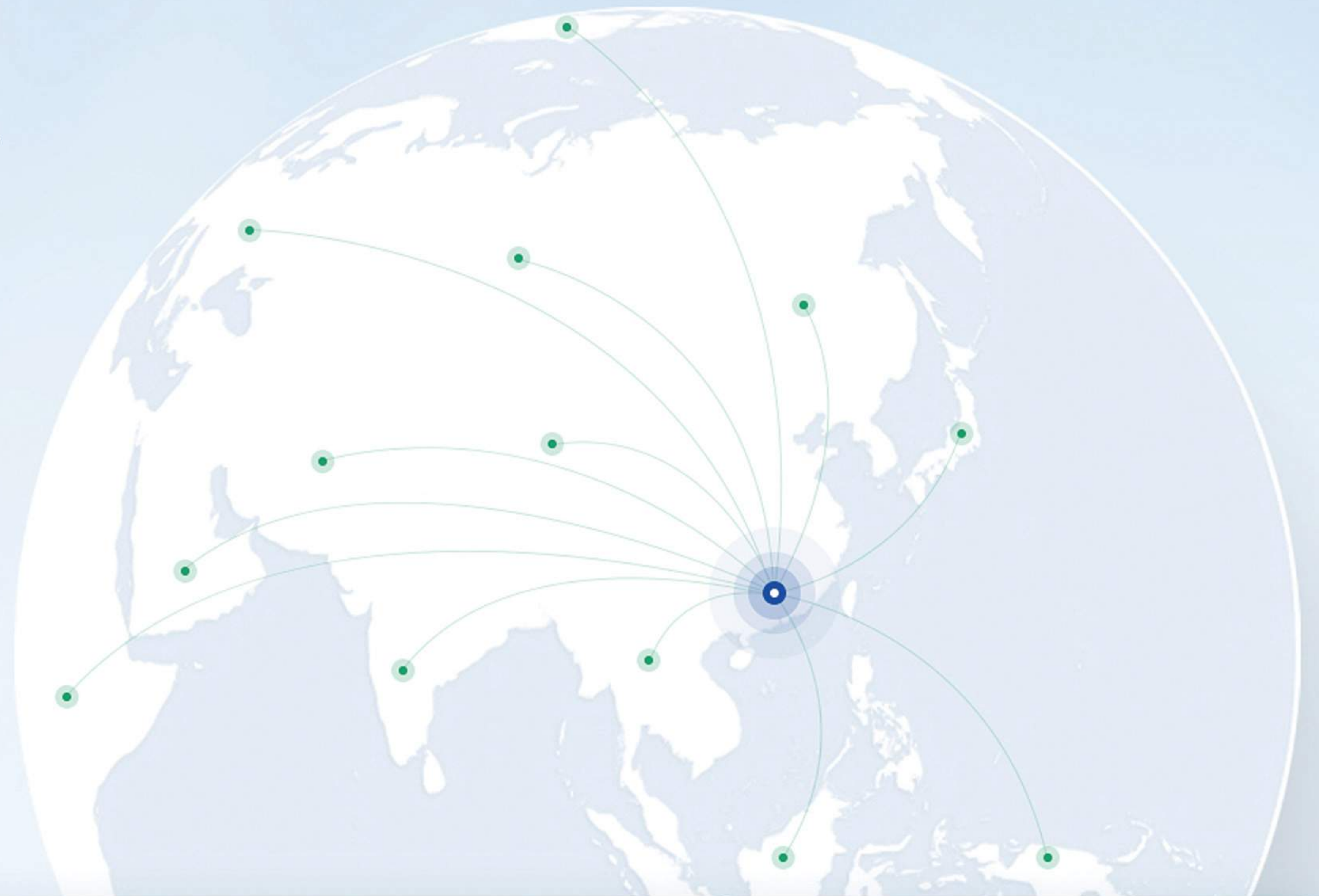
Firefighting professional
technical personnel

 **11+**

Experience in BESS fire
protection systems and industry

 **100+**

Countries' project cases



Global Vision · Following Rules to Advise



CCC



CE



UL



ULC



FM



ACTIVIFIRE



Vds



LPCB



UKCA



Speciality

Understanding of overseas regulations and manufacturer product series



Focus

Rich experience in energy storage system protection design and construction



Zone

Adequate inventory of imported equipment, greatly reducing delivery time

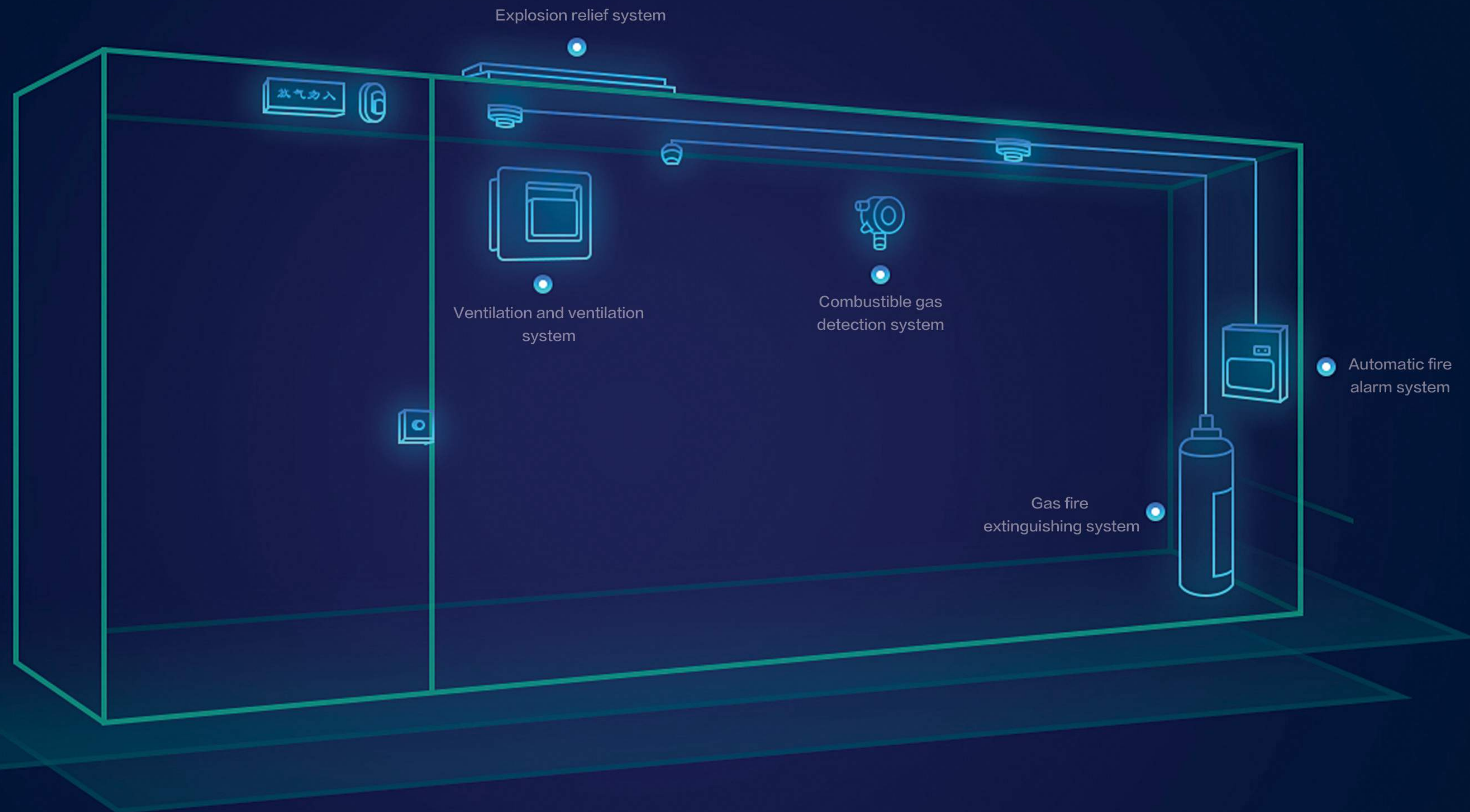


Praise

Long term cooperation with leading enterprises in the industry to win trust and reputation



 **SOLUTION** energy storage



Energy storage box

Real time automatic monitoring and control, high accuracy, early warning, and fully automated firefighting



Automatic fire alarm system

Diversified selection, sensitive detection, suitable for small spaces in battery and electrical compartments



Gas fire extinguishing system

The system has fast response speed and simple maintenance.
HFC-227ea and IG541 fire extinguishing agents are safe, efficient, and pollution-free.



Combustible gas detection system

Widely applicable and flexibly installed, it can achieve primary warning and linkage control of thermal runaway.



Ventilation and ventilation system

The equipment has a small volume, explosion-proof level, and emits flammable and toxic gases, providing ventilation and heat dissipation.



Explosion relief system

Release pressure, reduce property damage, and protect personnel safety.
Suppressed the second explosion.



SOLUTION energy storage



Flexible suppression tube & aerosol fire extinguishing device

Easy to install and takes up minimal space; Simple design minimizes installation and maintenance costs.



Gas fire extinguishing system

The system has fast response speed and simple maintenance. HFC-227ea and IG541 fire extinguishing agents are safe, efficient, and pollution-free.



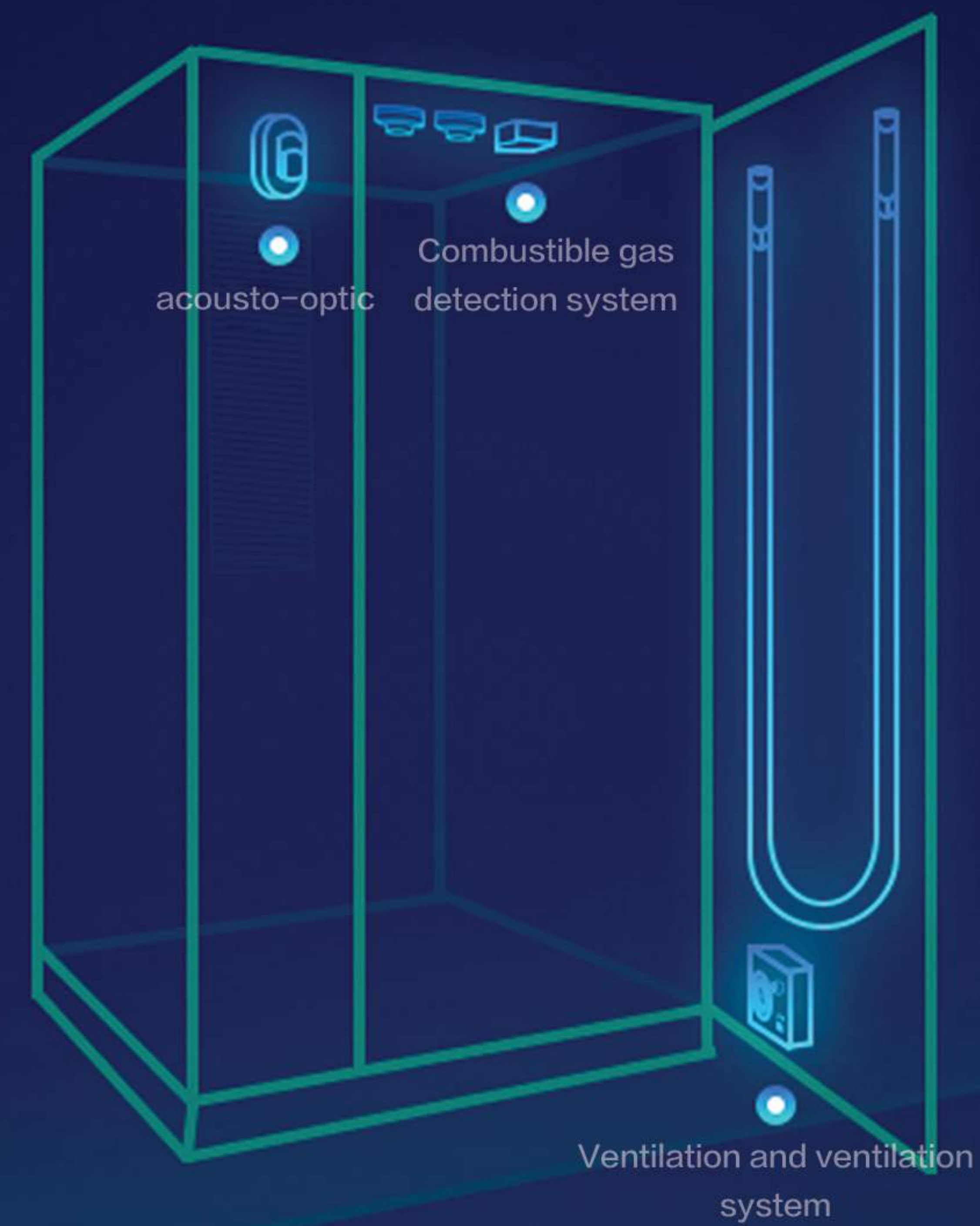
Combustible gas detection system

Widely applicable and flexibly installed, it can achieve primary warning and linkage control of thermal runaway.



Ventilation and ventilation system

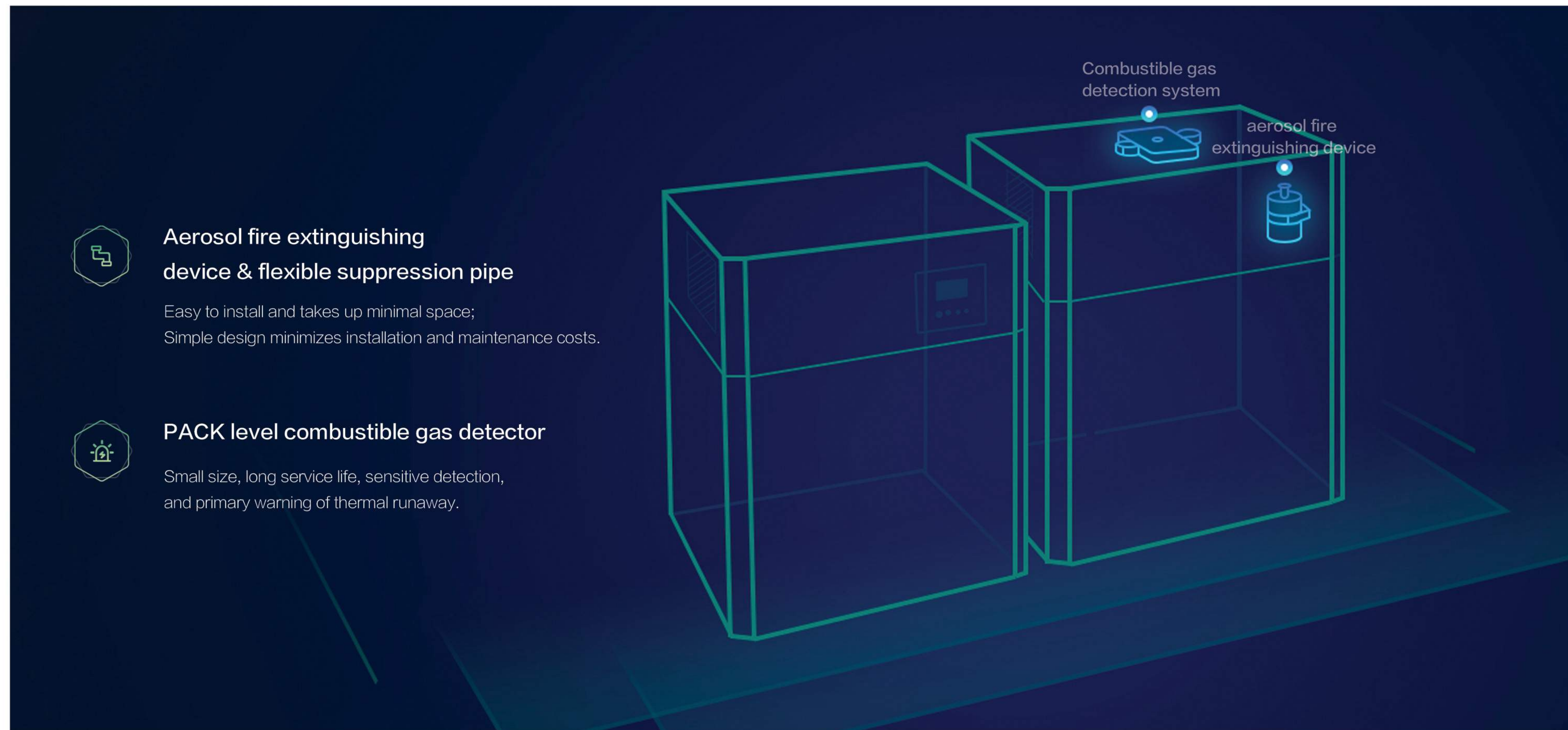
The equipment has a small volume, explosion-proof level, and emits flammable and toxic gases, providing ventilation and heat dissipation.



Outdoor-cabinet

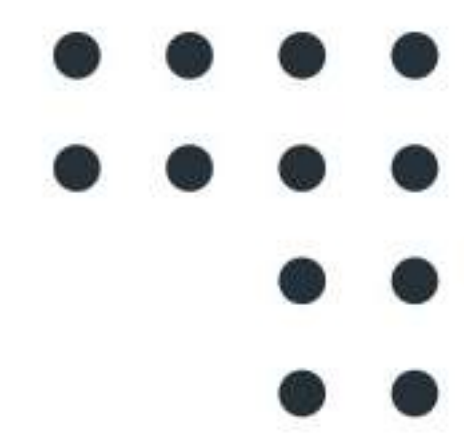
Real time automatic monitoring and control, high accuracy, early warning, and fully automated firefighting.

SOLUTION energy storage



Household energy storage cabinet

High cost household energy storage equipment should use fire protection products that are safe, easy to maintain, and highly stable.



DEVELOPMENT HISTORY

Long term service in the fire protection industry of energy storage, power, and grid energy, providing one-stop services such as product solutions and technical support.



2016

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



2018

- Supplier of Kehua, Topband, and Taoke Energy



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



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



2015

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



2017

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



2019

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



2021

- Supplier of Atlas Copco, 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 delivery of fire protection systems for ENEL Green Power and Vistra Energy large energy storage power plants



LONG TERM PARTNER





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