KAIQUAN

PRE-QUALIFICAION

www.pump-kaiquan.com

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INTRODUCTION

Shanghai Kaiquan Pump (Group) Co., Ltd. is a leading professional pump manufacturer in China, specializing in the design, production, and supply of high-quality pumps, water supply systems, and pump control solutions. With more than 30 years of experience, KAIQUAN has established itself as a key player in both domestic and international markets.

The company employs over 5,000 staff, including more than 750 engineers and technical experts, with over 80% of employees holding college-level qualifications. KAIQUAN operates 7 enterprises and 5 major industrial parks located in Shanghai, Zhejiang, Hebei, Liaoning, and Anhui, covering a total area of nearly 7,000,000 square meters, with manufacturing facilities exceeding 350,000 square meters. The group's total assets reach approximately USD 500 million.

KAIQUAN has consistently ranked No.1 in sales within the national pump industry for 13 consecutive years, achieving annual sales of approximately USD 330 million. The company integrates advanced technology with customer-focused services, supported by modern ERP and CRM systems to deliver fast and efficient solutions. Its extensive service network includes 32 sales branches and over 360 agencies, further strengthened by initiatives such as the "Blue Fleet Services" and rapid response service systems.

Recognized for its excellence, Shanghai KAIQUAN has received numerous prestigious awards, including Shanghai Quality Golden Prize, Top 100 Shanghai Enterprises, Grade AAA National Credit Ratings, and recognition among China's Top 500 Mechanical Industry Enterprises, where it ranked first in the pump industry for multiple consecutive years.

The company is committed to manufacturing high-end pumps for specialized applications, including nuclear power, firefighting, petrochemical, military, and desalination sectors. With a strong focus on innovation, quality, and sustainability, Shanghai KAIQUAN continues to expand its global footprint and aims to become one of the world's Top 10 pump manufacturers in the near future.



EXECUTIVE SUMMARY

Established in 1995, **Shanghai KAIQUAN Pump (Group) Co., Ltd.** is a global leader in the design, manufacturing, and distribution of high-quality pump systems, water supply equipment, and advanced pump control solutions. With nearly three decades of engineering excellence, KAIQUAN has evolved into a diversified industrial powerhouse, providing critical infrastructure solutions across a vast spectrum of global industries.

Corporate Scale & Infrastructure

KAIQUAN operates on a massive industrial scale, supported by a robust infrastructure designed for high-volume, precision manufacturing:

- **Financial Strength:** Annual total revenue of **$1 Billion USD**.
- **Manufacturing Footprint:** 5 state-of-the-art Industrial Parks spanning **667,000 m^2** of land area, including **35,000 m^2** of specialized productive building areas.
- **Human Capital:** A dedicated workforce of over **6,000 Employees**, including a core team of **700+ technical specialists**.

Innovation & Technical Excellence

Innovation is the cornerstone of KAIQUAN's market leadership. By integrating advanced research with practical engineering, the group remains at the forefront of fluid handling technology:

- **Research & Development:** **3 dedicated R&D centers** focused on next-generation efficiency and reliability.
- **Intellectual Property:** A formidable portfolio of **780+ total patents**, including over **100 invention patents**.
- **Industry Leadership:** Active contribution to **55 national and industry standards**, shaping the future of fluid technology.

Comprehensive Industry Solutions

KAIQUAN's product lines are engineered to meet the rigorous demands of diverse sectors, ensuring operational continuity in the world's most challenging environments:

- **Commercial & Residential:** Building services and residential water supply systems.
- **Energy & Power:** Specialized solutions for nuclear power and conventional power plants.
- **Industrial:** Petrochemical, steel metallurgy, and mining coal operations.
- **Infrastructure:** Municipal affairs, water conservancy, and water utility companies (partnered with 63 major utilities).

Global Presence & Network

With an expansive service network, KAIQUAN ensures localized support and rapid response for its global clientele:

- **Domestic Reach:** **28 regional branches** and over **400 local offices** ensuring comprehensive coverage.
- **International Footprint:** **10+ overseas offices** facilitating global trade and technical support.
- **Strategic Partnerships:** Collaborative relationships with over **550 design institutions** to provide integrated, project-specific engineering solutions.

Commitment to Quality

As a premier manufacturer, **Shanghai KAIQUAN Pump (Group) Co., Ltd**. is committed to delivering excellence through precision engineering, sustainable practices, and a customer-centric approach. We continue to drive the industry forward, providing the fluid technology that powers modern civilization

KAIQUAN FACTORIES



Shanghai Industrial Park
Science and technology innovation base

As the Group headquarters, Shanghai Industrial Park is the main production base for single-stage pumps, multi-stage pumps, double suction pumps, nuclear and heavy-duty pumps, as well as water supply and drainage systems. With continuous investment in advanced manufacturing, the Park has allocated substantial resources to upgrade automation and production capabilities, achieving annual output values exceeding USD 1.4 billion. It has been consistently recognized among China's Top 100 Industrial Enterprises and Top 100 Enterprises in Shanghai.

The Park also serves as the Group's core technology and R&D center, driving innovation and product development. With a strong focus on efficiency, energy-saving technologies, and system optimization, it continuously enhances product performance and supports sustainable solutions. Recognized as a Post-doctoral Research Workstation and Shanghai Enterprise Technology Center, it remains a key engine for Kaiquan's innovation and future growth.



Hefie Industrial Park

Hefei Kaiquan Motor & Electrical Pump Co., Ltd., formerly Hefei Sanyi Motor & Electrical Pump Co., Ltd., was acquired by Shanghai Kaiquan Pump (Group) Co., Ltd. in 2008 and established as a modern high-tech enterprise.

The company covers 270,000 m^2 with a built-up area of 230,000 m^2 and a total investment of RMB 1 billion. Since commencing operations in 2011, it has grown to over 800 employees, including 78 engineering technicians and 18 senior engineers, supported by advanced testing and one of Asia's largest hydraulic experimental stations.

As the Group's main production base for submersible pumps, it manufactures submersible sewage pumps, axial/mixed flow pumps, and mining pumps with associated motors, widely used in municipal, water conservancy, and mining sectors, and recognized in both domestic and international markets.

KAIQUAN FACTORIES



Shijiazhuang Industrial Park

Shijiazhuang Kaiquan Slurry Pump Co., Ltd. was established in 2005 with an investment of USD 20 million, covering an area of 47,000 m^2 and a built-up area of approximately 22,000 m^2. The company employs around 150 specialists, including experienced engineers and skilled technicians, supported by advanced production lines and modern manufacturing technologies such as resin molding and precision casting.

The facility is equipped with over 300 sets of advanced machinery, including medium-frequency furnaces, large vertical lathes, and CNC equipment, ensuring high-quality and reliable production.

As the Group's dedicated manufacturing base for slurry pumps, the company produces a wide range of products across 5 series and 160 models. These pumps are widely used in mining, metallurgy, coal processing, power plant desulfurization, river dredging, and alumina and chemical industries, meeting the demands of handling abrasive and solid-containing fluids.



Zhejiang Industrial Park

Kaiquan Group Zhejiang Industrial Park, located in Dongou Industrial Park, Wenzhou, originated from Oubei Pump Factory established in 1988 and was later restructured as Kaiquan Group Co., Ltd. in 2002 with a registered capital of RMB 102 million.

The facility covers 50,000 m^2 with a built-up area of 25,678 m^2 and employs around 300 staff. Equipped with over 200 sets of processing and testing equipment, it has an annual production capacity exceeding 100,000 sets and an output value of approximately USD 35 million.

The company manufactures a wide range of products, including single-stage, multi-stage, submersible sewage, and chemical pumps, and is certified under ISO 9001, ensuring reliable quality and performance.

RESEARCH & DEVELOPMENT

Kaiquan Technology Center, established in 2000, is the Group's core R&D and innovation hub, specializing in high-efficiency pump systems. It has received multiple national and Shanghai-level recognitions, including "National Enterprise Technology Center," "Post-doctoral Research Workstation," and "Shanghai Engineering Technology Research Center," reflecting its strong capabilities in research and innovation.

Industry Authority recognition

Innovative R&D platform

The Group has developed a comprehensive R&D platform across Shanghai, Lanzhou, Zhejiang, Hefei, and Shenyang, covering key areas such as pump engineering, hydraulics, materials, and large-scale product development for municipal, nuclear, and petrochemical applications.

The Technology Center is equipped with advanced testing facilities, including thermal shock testing for nuclear-grade pumps, mechanical performance and stress analysis systems, and hydraulic model testing platforms, ensuring high product reliability, performance validation, and continuous innovation.

Advanced Test platform

RESEARCH & DEVELOPMENT

Multi-Technology consortium

Kaiquan actively collaborates with leading universities and research institutions, including Tsinghua University, Jiangsu University, Shanghai Jiaotong University, and the Chinese Academy of Sciences, forming a multi-technology innovation consortium that enhances research capabilities in hydraulics, structural analysis, and advanced engineering technologies

Professional R&D equipment

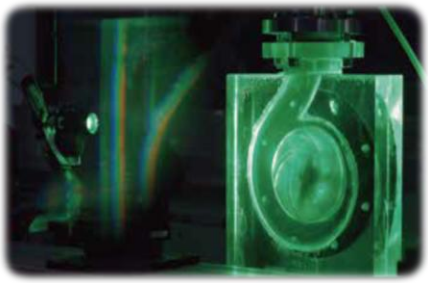
The Center is equipped with advanced R&D and design tools, including 3D CAD, CAM, CAE, and specialized testing instruments, enabling precise product development, performance validation, and innovation.

Achievements in scientific & technological innovation

Kaiquan has also achieved significant scientific and technological milestones, participating in national standards development, securing over 700 patents, and contributing to major national research projects, reinforcing its position as a leader in pump technology and innovation.

RESEARCH & DEVELOPMENT FACILITIES

Kaiquan has established an advanced scientific research platform, including nuclear pump research facilities, hydraulic laboratories, materials application laboratories, mechanical laboratories, intelligent product laboratories, and production flow laboratories. Equipped with advanced software systems such as CAD, CAM, CAE, FMS, and other design tools, the platform supports dynamic simulation and precise product development.



PIV internal Flow field measurement system



Material application laboratory



Performance experiment integrated console

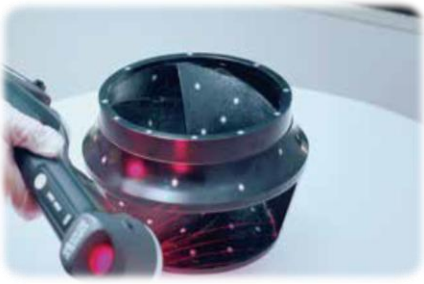


Cold & Hot shock performance test bench

The facilities also include high-end testing equipment such as coordinate measuring instruments, laser rapid prototyping systems, PIV internal flow field particle image testing systems, and comprehensive testing platforms for large-scale pump performance and pressure testing, ensuring high-quality product development and reliable performance verification.



Mechanical laboratory



3D rapid scanning molding system



Hydraulic model test bench for high precision multi function pump

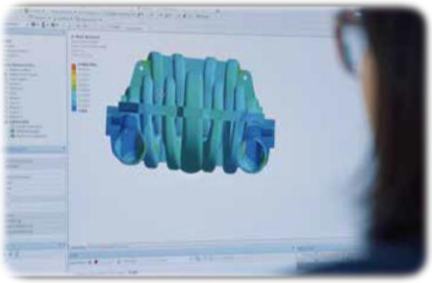


Hydraulic test research physical model

RESEARCH & DEVELOPMENT FACILITIES



Dynamic demonstration of product modeling



CAE mechanical optimization design



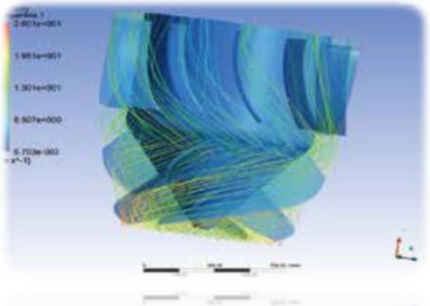
Large scale pump test system for nuclear thermal power plant



Product three-dimensional modeling design



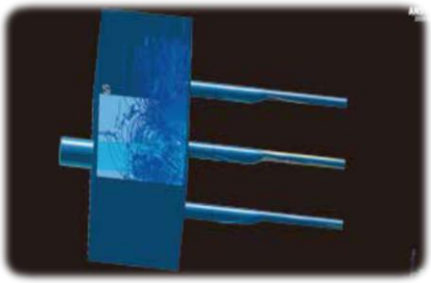
Laser rapid prototyping instrument



Intelligent simulation of hydraulic flow field



Hydraulic optimization design of CFD pump body



3D rapid scanning molding system



Torque calibration equipment

MANUFACTURING CAPACITY

To accelerate its intelligent and digital transformation, KAIQUAN has made significant investments in recent years to introduce and upgrade advanced manufacturing and digital technologies from Europe, Japan, and other regions, enhancing product precision, quality, and overall production efficiency.



Six-axis five-linkage gantry milling and boring machining center



Mitsubishi gantry machining center



DMG NHC6300 machining center



Heavy high precision vertical turning and milling center



Automatic production line of submersible pumps



DMG NHX8000 Machining center



DMG CLX impeller Machining center

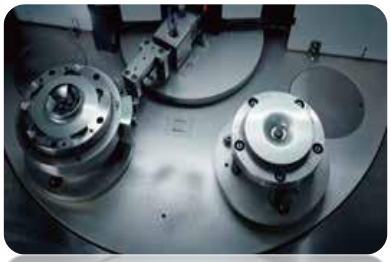
Empower Water
Empower Future

KAIQUAN

MANUFACTURING CAPACITY



Numerical control machining of impeller



Laser Welding of pump impeller



Pump Shaft cold extrusion One-time molding



CNC Finish milling of nuclear pump components



Three-Coordinate Inspection of pump body



CEBR Impeller automatic balance



Milling and boring of six-axis and five-linkage gentry



Stamping pump mid-section machining center



Five-axis high speed milling machine



GROB C6 extension shaft machining center



MAZAK CNC machining center

TESTING PLATFORM

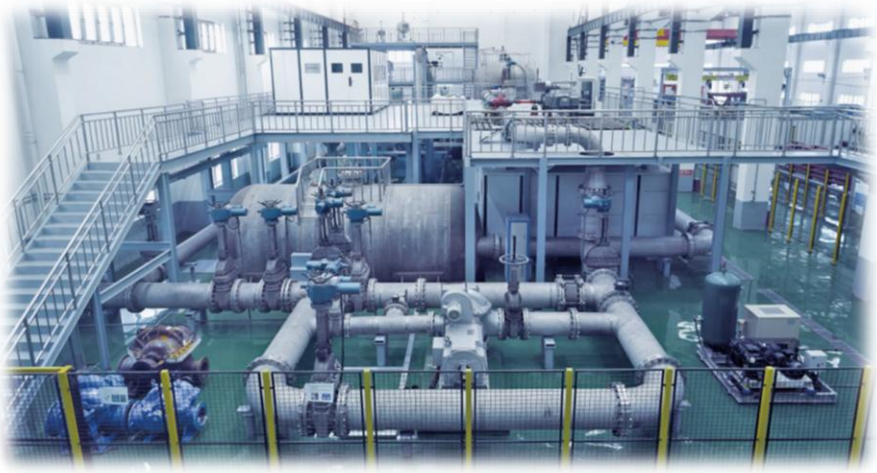


Open-type test bench for large pump

KAIQUAN is equipped with advanced testing facilities to ensure the highest standards of product performance and reliability. The large pump open-type test bench, with an investment of **USD 14.5** million, supports testing capacities up to **150 tons** lifting and **4.5 MW power**, meeting international standards for hydraulic performance evaluation.

Hydraulic model test bench for high precision multi-function pump

The hydraulic model test bench provides high-precision multi-function testing with an overall accuracy of **0.25%,** enabling comprehensive performance validation including efficiency, cavitation, pressure fluctuation, and rotational characteristics.





Cold and Hot shock and performance test bench

The cold and hot shock and performance test bench is designed for nuclear-grade pumps, allowing full-condition testing under extreme temperature variations. This advanced facility ensures compliance with international standards and reflects Kaiquan's strong capabilities in high-end pump testing and innovation.

TESTING PLATFORM



Double-suction pump test center

Kaiquan operates advanced testing facilities, including a double-suction pump test center developed with the Chinese Academy of Sciences, featuring intelligent hydraulic and electrical systems for pumps from **DN150 to DN500**, with testing capacities up to **2000 kW** and voltage levels of **380V, 6kV, and 10kV**, ensuring precise and reliable performance validation.

Automatic performance test bench for single-stage pump

The automatic performance test bench for single-stage pumps, developed in-house, complies with **GB3216-2B** standards and enables 100% factory testing. It integrates automated data acquisition, scanning, and result evaluation, ensuring high efficiency, accuracy, and full traceability of test results.





No negative pressure test bench for water supply equipment

The no negative pressure test bench for water supply systems allows flexible testing modes, including manual and automatic operations, with real-time data monitoring, recording, and analysis to ensure reliable system performance

TESTING PLATFORM



Waterproof grade testing and inspection



Salt spray test



Microcomputer controlled electronic universal testing machine



Direct reading spectrometer

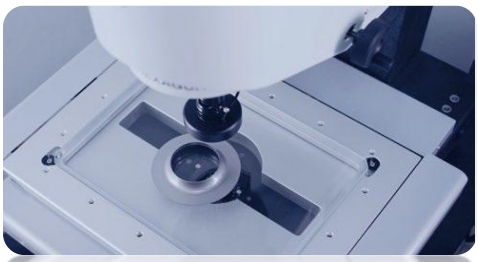


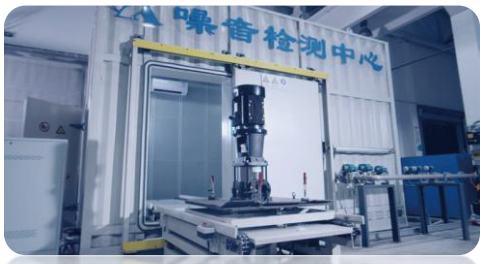
Image measuring instrument



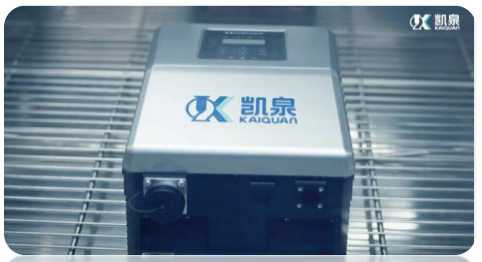
Jump Detector



Contour shape measuring machine



Noise detection



High and low temperature environment test



Numerical control machining of impeller



Three coordinate detection



Impeller Dynamic balance test

PRODUCTS

1. House Hold Products
2. Building Services System
3. HVAC Products
4. Sewage & Submersible pumps
5. System & Solutions
6. Chemical & Oil Pumps
7. Fire Fighting pumps
8. Nuclear Power Pumps

House Hold Products

Series	KQHS	KQWS	KQDS
Product Photo			
Type	Horizontal Multi-stage Centrifugal Pump	Stainless Steel Horizontal Single Stage Single End Suction Centrifugal Pump	Horizontal Multi-stage Centrifugal Pump
Features	• Compact Structure • Wetted parts are formed by stamping and welding stainless steel plates	• Stainless steel construction of welded impellers, guide vans, and middle sections • Smooth flow passages • corrosion resistance • optimized efficiency	• Compact Structure • Wetted parts are formed by stamping and welding stainless steel plates
Application	Heating water, Cold water, cooling system and general industry	Water Supply Industrial Boosting Industrial Liquid Transfer Water Treatment Agricultural Irrigation, Medical and Sanitary Applications, etc....	Water supply HVAC Water Treatment Industrial Boosting Industrial Liquid Transfer Irrigation
Flow Range	2 m^3/h to 20 m^3/h	6.3 m^3/h to 160 m^3/h	2 m^3/h to 20 m^3/h
Head Range	9m to 47m	13m to 68m	10m to 57m
Size Range	DN25 to DN50	suction DN50-80mm discharge DN:32-80mm	DN10 to DN57
	380V(3-phase),50Hz 2900 & 1450 RPM	380V(3-phase),50Hz 2900 & 1450 RPM	380V ,50Hz 2900 & 1450 RPM

Series	KQDSE	KQDP (Q)	KQDQ/KQDPE
Product Photo			
Type	Horizontal intelligent constant pressure variable frequency pump	Vertical Multistage pumps	Vertical Intelligent Constant Pressure Variable Frequency Pumps
Features	• Compact Structure • Wetted parts are formed by stamping and welding stainless steel plates • Integrated with pressure tank, VFD, pressure gauge and pressure sensor	• Minimum Efficiency index of MEI > 0.7 • Compact structure, safe and reliable • Specially configured cartridge mechanical seals that ensure stable operation and zero leakage even under conditions of slight vibration and shock. Furthermore, the seal position is designed with sufficient maintenance space for easy access. Pump disassembly is not required when replacing the seal	• Minimum Efficiency index of MEI > 0.7 • Compact structure, safe and reliable • Specially configured cartridge mechanical seals that ensure stable operation and zero leakage even under conditions of slight vibration and shock. Furthermore, the seal position is designed with sufficient maintenance space for easy access. Pump disassembly is not required when replacing the seal • Integrated with pressure tank, VFD, pressure gauge and pressure sensor
Application	Water supply HVAC Water Treatment	Water supply HVAC Water Treatment Industrial Boosting Industrial Liquid Transfer Irrigation	Water supply HVAC Water Treatment Industrial Boosting Industrial Liquid Transfer Irrigation
Flow Range	2 m^3/h to 20 m^3/h	2 m^3/h to 20 m^3/h	1 m^3/h to 90 m^3/h
Head Range	10m to 57m	16m to 225m	14m to 236m
Size Range	DN25 to DN50	DN25 to DN50	DN25 to DN100
	220V(single-phase),50/60Hz,,0.37kW-2.2kW 380V(three-phase),50/60Hz,3kW-4kW	380V(3-phase),50Hz 2900 & 1450 RPM	380V ,50Hz 2900 & 1450 RPM

Building Services System

Series	ECO Silent G2	KQG	WFY-IV
Product Photo			
Type	ECO Silent pumping set	Full Automatic pumping system	Series tank-type pressure superposed (non-negative pressure) water supply equipment
Features	• High Reliability Control System • Full redundant design for PLC, VFD, HMI, sensors, and power supply ensures stable and reliable operation. • Low-Noise, High-Adaptability Drive System • Permanent magnet motor with integrated VFD reduces noise by 10–15 dB compared with conventional pumps. • High-Efficiency Energy Saving • Efficiency exceeds IE5 by 1.3% and IE3 by 4.9%, cutting overall energy consumption by more than 5%. • Intelligent Energy Optimization • Smart pump scheduling and variable–constant pressure control ensure minimum energy use with stable pressure output. • Easy Maintenance & High Protection • Quick-connect cables and integrated design simplify maintenance, with IP55 protection for the complete unit.	• Simple, reliable, and flexible configuration • Classic system design ensures stable operation and consistent quality. Pumps, control cabinets, and VFDs can be flexibly configured to meet different user requirements. • Full variable-frequency design for stable water supply • Fast fault switching minimizes downtime and pressure fluctuation during pump start/stop. Wide adjustment range prevents frequent pump switching at critical flow conditions. • High efficiency and low operating cost • Standard stainless steel multistage pumps with 304 stainless steel wetted parts and vertical pressure tanks improve efficiency, especially under low-flow conditions. • Intelligent control for unattended operation • Time-based pressure control and digital bus data collection enable energy savings. Optional remote monitoring supports unmanned pump room operation.	• Bidirectional buffering with zero delay • Prevents both negative pressure and pipeline overpressure. • Independent and intelligent compensation • Provides precise, on-demand flow compensation without auxiliary valves or main pumps. • Safe and reliable operation • Parallel design ensures normal water supply even if the compensation device fails.
Application	Pressure maintaining system, boosting, water supply, heating and cooling closed loops	Pressure maintaining system, boosting, water supply, heating and cooling closed loops	Pressure maintaining system, boosting, water supply, heating and cooling closed loops
Flow Range	5 m^3/h to 300 m^3/h	5 m^3/h to 270 m^3/h	50 m^3/h to 200 m^3/h
Head Range	20 m to 200 m	20m to 160m	20m to 160m
Size Range	DN50 to DN250	DN50 to DN150	DN50 to DN200
Electrical Data	380V(3-phase),50Hz 2900 & 1450 RPM	380V(3-phase),50Hz 2900 & 1450 RPM	380V(3-phase),50Hz 2900 & 1450 RPM

Series	The 5rd Generation Plus Digital Integrated Frequency Adjustable Water Supply Equipment	The 5rd Generation Digital Integrated Frequency Adjustable Water Supply Equipment	Digital Integrated Full Frequency Conversion Water Supply Equipment
Product Photo			
Type	The 5rd Generation Plus Digital Integrated Frequency Adjustable Water Supply Equipment	The 5rd Generation Digital Integrated Frequency Adjustable Water Supply Equipment	Digital Integrated Full Frequency Conversion Water Supply Equipment
Features	• High reliability • Rugged design with IP55 protection, dual PLC redundancy, and enhanced dust and moisture resistance ensures long-term stable operation. • High performance & intelligent control • Full frequency conversion with digital PID delivers stable pressure and comfort, while data-driven control and cloud monitoring enable low energy use and remote diagnostics. • Energy-efficient pump system • CQC-certified pumps combined with KAIQUAN patented technologies achieve an average energy saving of up to 20% across varying flow conditions.	• High reliability • Rugged design with IP55 protection, dual PLC redundancy, and enhanced dust and moisture resistance ensures long-term stable operation. • High performance & intelligent control • Full frequency conversion with digital PID delivers stable pressure and comfort, while data-driven control and cloud monitoring enable low energy use and remote diagnostics. • Energy-efficient pump system • CQC-certified pumps combined with KAIQUAN patented technologies achieve an average energy saving of up to 20% across varying flow conditions.	• High efficiency & low noise • Full-inverter stainless steel pump system with permanent magnet motors delivers Grade 1 energy efficiency, over 5% energy savings, and 10–15 dB lower noise than conventional systems. • Smart monitoring & control • Real-time sensing with IoT connectivity enables remote monitoring, intelligent regulation, and stable pressure operation. • Compact, reliable & hygienic design • Plug-and-play integrated structure saves space, simplifies installation, and ensures safe, durable operation with IP55 protection and stainless-steel wetted parts.
Application	Pressure maintaining system, boosting, water supply, heating and cooling closed loops	Pressure maintaining system, boosting, water supply, heating and cooling closed loops	Pressure maintaining system, boosting, water supply, heating and cooling closed loops
Flow Range	5 m^3/h to 135 m^3/h	5 m^3/h to 300 m^3/h	10 m^3/h to 1200 m^3/h
Head Range	20 m to 140 m	20m to 200m	20m to 200m
Size Range	DN50 to DN200	DN50 to DN250	DN50 to DN350
Electrical Data	380V(3-phase),50Hz 2900 & 1450 RPM	380V(3-phase),50Hz 2900 & 1450 RPM	380V(3-phase),50Hz 2900 & 1450 RPM

Series	**Digital Integrated Full Frequency Conversion Water Supply Equipment D Series**
Product Photo	
Type	Digital Integrated Full Frequency Conversion Water Supply Equipment D Series
Features	• Wide application range • Suitable for industrial facilities, rural and township networks, and residential building pressure boosting. • Compact and easy to install • Integrated design with horizontal inlet and vertical outlet enables quick installation and reduced footprint. • Simple operation & maintenance • Plug-and-play wiring, touchscreen interface, and intelligent diagnostics simplify operation and servicing. • Stable, low-noise performance • Full variable-frequency control ensures steady pressure and quiet operation. • Smart IoT connectivity • Supports remote monitoring and operation via Kaiquan and user IoT platforms.
Application	Pressure maintaining system, boosting, water supply, heating and cooling closed loops
Flow Range	2 m^3/h to 100 m^3/h
Head Range	12 m to 50 m
Size Range	DN50 to DN150
Electrical Data	380V(3-phase),50Hz 2900 & 1450 RPM

HVAC PRODUCTS

Series	KQL	KQH	SGL
Product Photo			
Type	Vertical inline Single Stage close coupled Centrifugal Pump	Vertical Inline Single Stage close coupled Centrifugal Pump	Vertical Inline Single Stage close coupled Centrifugal Pump
Features	• Direct motor coupling ensures perfect shaft alignment, reducing vibration and noise. • Same inlet and outlet diameters provide stable and reliable operation. • Integral shaft with SKF bearings ensures dependable performance and durability. • Steering-independent mechanical seal with forced circulation improves reliability and extends service life. • Optimized leak-free design reduces operation and maintenance costs by 50–70%. • High-quality castings provide excellent dimensional accuracy and premium finish.	• Split shaft design protects the motor shaft from corrosion and ensures long-term reliability. • Standard motor compatibility (B35 horizontal / V1 vertical) enables easy direct coupling. • Pull-out maintenance design allows servicing without removing piping. • Rigid coupling and precise assembly ensure low vibration, low noise, and stable operation. • Compact, high-efficiency hydraulic design with precision-cast components for reliable performance.	• Direct motor coupling ensures perfect alignment, reducing vibration and noise. • Same inlet and outlet diameters provide stable and reliable operation. • Integral shaft with SKF bearings ensures long-lasting and dependable performance. • Advanced mechanical seal with forced circulation extends service life and improves reliability. • Compact mounting design reduces installation space and construction costs. • Leak-free optimized design lowers operation and maintenance costs.
Application	Heating water, Cold water, cooling system and general Water Supply	Heating water, Cold water, cooling system and general Water Supply, Conveyance of Mildly Corrosive Water-like Media	Heating water, Cold water, cooling system and general Water Supply
Flow Range	8 m^3/h to 1500 m^3/h	3.5 m^3/h to 600 m^3/h	60 m^3/h to 630 m^3/h
Head Range	≤127m	10m to 129m	10m to 50m
Size Range	DN50 to DN350	DN40 to DN250	DN100 to DN250
Electrical Data	380V(3-phase),50Hz 2900 & 1450 RPM	380V(3-phase),50Hz 2900 & 1450 RPM	380V(3-phase),50Hz 2900 & 1450 RPM

Series	KQLE1	KQLE (Above 22kw)	KQW
Product Photo			
Type	Vertical inline Smart Variable Frequency Pump (Permanent Magnet Motor 1.5kw~22kw)	Vertical inline Intelligent Variable Frequency Pump (Permanent Magnet Motor 11kw~180kw)	Horizontal Single Stage closed couple End Suction Centrifugal Pump
Features	• IE5 permanent magnet motor delivers higher efficiency and lower noise (≈5 dB less than asynchronous motors). • 24/7 real-time monitoring of pump status, pressure, and operating frequency. • Digital integrated design with minimal wiring and fewer fault points. • Industrial-grade VFD PCBA with coating for dust, moisture, and salt spray protection (IP55). • Full VFD control with digital PID ensures stable and comfortable water supply. • Quick commissioning and easy replacement, with connectivity to external control systems.	• IE5 permanent magnet motor provides high efficiency and 5 dB lower noise than standard motors. • Real-time monitoring of pump status, pressure, and operating frequency. • Digital integrated design with minimal wiring and fewer fault points. • Industrial-grade VFD with protective coating and IP55 protection for harsh environments. • Fast commissioning with one-key setup, self-adapting parameters, and easy unit replacement. • Full VFD control with digital PID for stable water supply and integration with external control systems.	• Direct motor coupling ensures perfect shaft alignment, reducing vibration and noise. • Identical inlet and outlet diameters provide stable and reliable operation. • Integral shaft with SKF bearings ensures durable and dependable performance. • Advanced mechanical seal with forced circulation extends service life. • Compact mounting design reduces installation space and construction costs. • Optimized leak-free design with high-quality castings ensures long-term reliability and precision.
Application	Heating water, Cold water, cooling system and general Water Supply	Heating water, Cold water, cooling system and general Water Supply	Heating water, Cold water, cooling system and general Water Supply
Flow Range	10 m^3/h -200 m^3/h	138 m^3/h to 1200 m^3/h	8 m^3/h to 1500 m^3/h
Head Range	10 m -5 m	10m to 80m	≤127m
Size Range	50DN -125 DN	DN 150 to DN 300	DN50 to DN350
Electrical Data	380V(3-phase),50Hz 2900 & 1450 RPM	380V(3-phase),50Hz 2900 & 1450 RPM	380V(3-phase),50Hz 2900 & 1450 RPM

Series	KQWH	SGW	KQSN
Product Photo			
Type	Horizontal Single Stage closed couple End Suction Centrifugal Chemical Pump	Horizontal Single Stage closed couple End Suction Centrifugal Pump (High Efficiency)	Double Suction Split Case Pump
Features	• Split shaft design protects the motor shaft from corrosion and ensures long-term reliability. • Compatible with standard motors (B35 for horizontal, V1 for vertical) for easy direct drive. • Pull-out structure allows maintenance without removing pump body or pipelines. • Rigid coupling with precise assembly ensures high concentricity, low vibration, and low noise. • Compact, high-efficiency hydraulic design reduces installation space and improves performance. • Precision-cast components with high interchangeability ensure accuracy and easy maintenance	• Direct motor coupling ensures perfect shaft alignment, reducing vibration and noise. • Same inlet and outlet diameters provide stable and reliable operation. • Integral shaft with SKF bearings ensures dependable and long-lasting performance. • Advanced mechanical seal with forced circulation extends service life. • Leak-free optimized design lowers operation and maintenance costs. • Precision cast components with SS304 impeller, John Crane seal, and copper wear ring ensure durability and efficiency. • Tangential outlet design improves hydraulic efficiency.	• Double-suction impeller and optimized hydraulic design ensure high efficiency and stable performance. • Double volute casing reduces radial force, lowering bearing load and extending service life. • Flexible installation with adjustable inlet/outlet orientation and self-aligning pump cover. • Heavy-duty shaft and bearings provide stable operation and easy maintenance. • Replaceable wear rings and durable seal design reduce maintenance cost and ensure reliable operation. • Robust base and anti-corrosion components deliver long service life and easy servicing.
Application	Heating water, Cold water, cooling system and general Water Supply, Conveyance of Mildly Corrosive Water-like Media	Heating water, Cold water, cooling system and general Water Supply	Heating water, Cold water, cooling system and general Water Supply
Flow Range	3.5 m^3/h to 600 m^3/h	180 m^3/h to 1500 m^3/h	68 m^3/h to 6270 m^3/h , 2240 m^3/h to 30000 m^3/h
Head Range	10m to 129m	16m to 90m	16m to 90m , 7m to 180m
Size Range	DN40 to DN250	DN150 to DN350	DN150 to DN350 , DN700 to DN1600
Electrical Data	380V(3-phase),50Hz 2900 & 1450 RPM	380V(3-phase),50Hz 2900 & 1450 RPM	380V(3-phase),50Hz 2900 & 1450 RPM

Series	KQSN-S	KQSN-W	KQSN-L
Product Photo			
Type	Double Suction Split Case Pump	Double Suction Split Case Pump	Vertical Double Suction Split Case pump
Features	• High-efficiency hydraulic design with low cavitation and wide high-efficiency operating range. • Advanced 3D hydraulic and structural design ensures optimized performance and reliability. • Special impeller design reduces vibration, pulsation, and energy loss while improving efficiency. • Robust shaft and bearing structure provides stable operation, low noise, and long service life. • Replaceable wear rings and optimized sealing reduce maintenance costs and maintain high efficiency.	• CFD-optimized hydraulic design with enclosed impeller ensures high efficiency and stable performance. • Heavy-duty bearings and thickened shaft. • Flexible sealing options with external flush line for reliable seal lubrication. • Optimized suction chamber and impeller geometry improve hydraulic efficiency and reduce NPSHr. • Double volute and rigid structure design minimize radial forces, vibration, and noise. • Replaceable shaft sleeves and wear rings protect key components and reduce maintenance cost	• Dual support structure for low- and high-voltage motors ensures reliable operation. • Optimized hydraulic design with precision casting delivers high efficiency and low cavitation. • Cartridge mechanical seal allows quick and easy maintenance. • Compact structure reduces pump room space and infrastructure costs. • Enhanced protection and smart monitoring with enlarged water slinger and intelligent sensors for pressure, flow, temperature, and vibration.
Application	Heating water, Cold water, cooling system, general industry, irrigation and general Water Supply	Heating water, Cold water, cooling system, general industry, irrigation and general Water Supply	Heating water, Cold water, cooling system, general industry, irrigation and general Water Supply
Flow Range	377 m^3/h to 18720 m^3/h	415 m^3/h to 3975 m^3/h	120 m^3/h to 2500 m^3/h
Head Range	2m to 121m	12m to 180m	7m to 146m
Size Range	DN350 to DN1200	DN300 to DN500	DN150 to DN500
Electrical Data	380V(3-phase),50Hz 2900 & 1450 RPM	380V(3-phase),50Hz 2900 & 1450 RPM	380V(3-phase),50Hz 2900 & 1450 RPM

Series	SGG	GXS	GXS
Product Photo			
Type	Vertical Double Suction Pump	High Efficiency Heat Exchange pumping unit	High Efficiency intelligent module Pump Unit
Features	• Easy-disassembly design with cartridge mechanical seals allows fast maintenance without removing the motor. • Optimized hydraulic model improves efficiency and reduces power consumption by up to 10%. • Double-suction impeller and advanced suction chamber provide higher head and better cavitation performance. • Vertical compact structure saves over 50% installation space compared to horizontal pumps. • U-shaped impeller outlet and SKF bearings ensure low vibration and stable operation.	• All in one Full ETS Room set for heating and cooling applications • Compact modular unit with pumps, heat exchangers, and control system for a small footprint. • Prefabricated modular design simplifies installation and reduces on-site work. • Fast commissioning by connecting inlet/outlet pipelines and power supply. • Lower investment and shorter project cycle with integrated design and installation. • High-efficiency pumps with combined large/small pump operation ensure energy-saving performance. • highly intelligent system adapting KAIQUAN control technology	• Compact intelligent modular unit with integrated pumps, VFDs, valves, and filters for a neat pump room. • Skid-mounted modular design allows quick and easy installation. • Fully prefabricated systems reduce investment and ensures reliable overall performance. • One-stop lifecycle solution with a manufacturing cycle less than 10% of traditional projects. • Energy-efficient operation with high pump efficiency and automatic pump combination control. • highly intelligent system adapting KAIQUAN control technology
Application	Heating water, Cold water, cooling system, general industry, irrigation and general Water Supply	Heating water, Cold water, cooling system and general industry	Heating water, Cold water, cooling system and general industry
Flow Range	40 m^3/h to 1600 m^3/h	4 m^3/h to 43.5 m^3/h	10 m^3/h to 7200 m^3/h
Head Range	≤60m	32m to 38m	20m / 28m / 32m
Size Range	DN300 to DN350	DN80 to DN350	DN125 to DN500
Electrical Data	380V(3-phase),50Hz 2900 & 1450 RPM	380V(3-phase),50Hz 2900 & 1450 RPM	380V(3-phase),50Hz 2900 & 1450 RPM

Empower Water
Empower Future

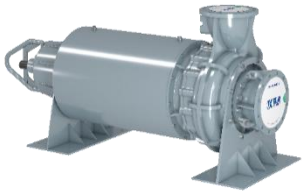
KAIQUAN

Sewage & Submersible pumps

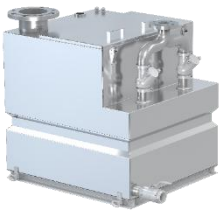
Series	WQE	WQ (11-22KW)	WQ (30kW and above)
Product Photo			
Type	Submersible Sewage Pump	Submersible Sewage Pumps	Submersible Sewage Pumps
Features	• Optimized hydraulic design ensures smooth passage of solids, low vibration, and stable operation. • High-reliability submersible motor with IP68 protection, Class F insulation, and efficient cooling for long service life. • Multiple sealing protection including double mechanical seals, fully sealed cables, O-ring joints, and pressure testing ensures excellent watertight integrity. • Durable bearing system with long-life deep groove ball bearings rated up to 100,000 hours. • Jet agitation function available to prevent sediment buildup on selected power ranges.	• No-overload hydraulic design ensures high efficiency, stable operation, and excellent solids and fiber handling. • Long-life sealing system with SiC–WC mechanical seals and self-cleaning structure delivers up to 15,000 hours of service life. • Robust mechanical design with short shaft extension, low vibration, long-life bearings (100,000 h), and Class H insulated motor ensures reliable, continuous operation.	• No-overload hydraulic design delivers high efficiency, stable operation, and excellent solids and fiber handling. • Long-life sealing and mechanical system with SiC–WC double mechanical seals (15,000 h), short shaft design, and bearings rated for 100,000 h ensure low vibration and durability. • High-temperature motor & smart monitoring with Class H insulation and optional IoT functions for real-time condition monitoring, alarms, and protection.
Application	Sewage Drainage Water treatment	Sewage Drainage Water treatment	Sewage Drainage Water treatment
Flow Range	5 m^3/h to 500 m^3/h	30 m^3/h to 1150 m^3/h	60 m^3/h to 10,000 m^3/h
Head Range	5 m to 75 m	4 m to 75 m	6 m to 106 m
Size Range	40 mm to 250 mm	65 mm to 350 mm	80 mm to 1000 mm
Electrical Data	0.37kW-22kW	380V(3-phase),50Hz 2900 & 1450 RPM	380V(3-phase),50Hz 2900 & 1450 RPM

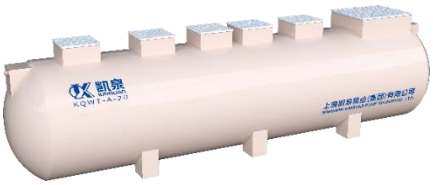
Series	WQS	WLD	WL
Product Photo			
Type	Mincing Submersible Sewage Pump	Dry-type sewage pump	Small Vertical Sewage Pump 7.5kW and Below
Features	• Powerful shredding capability handles textiles, plastics, hygiene waste, and even wooden debris, effectively preventing pump and pipeline clogging. • Durable cutting system with heat-treated, corrosion-resistant impellers and cutters ensures long-lasting sharpness and wear resistance. • Robust shaft and sealing design minimizes vibration and leakage, while dual mechanical seals and debris-clearing structures ensure reliable, heavy-duty operation.	• High-efficiency no-overload impeller with wide flow passages ensures smooth solids handling and anti-clog performance. • Compact vertical, direct-drive design offers low vibration, easy maintenance, and long bearing and seal life. • Dry-installed pump with optional automatic control enables safe, reliable, and unattended operation.	• Double-channel impeller with spacious casing ensures smooth solids passage and anti-clog performance. • Compact vertical direct-drive design offers low vibration, easy maintenance, and long bearing and seal life. • Dry-installed pump with optional automatic control enables safe, reliable, and unattended operation.
Application	Sewage Drainage Water treatment	Sewage Drainage Water treatment	Sewage Drainage Water treatment
Flow Range	5 m^3/h to 1000 m^3/h	70 m^3/h to 1650 m^3/h	9 m^3/h to 300 m^3/h
Head Range	3 m to 61 m	6 m to 42 m	2 m to 37 m
Size Range	50 mm to 300 mm	80 mm to 400 mm	50 mm to 150 mm
Electrical Data	380V(3-phase),50Hz 2900 & 1450 RPM	380V(3-phase),50Hz 2900 & 1450 RPM	380V(3-phase),50Hz 2900 & 1450 RPM

Series	WQB	BWQ	WQR
Product Photo			
Type	Submersible Sewage Pump	Small Submersible Sewage Pump	Vertical Self Cooling Circulating Sewage Pump
Features	• Explosion-proof design rated Ex d IIB T4 Gb, with a maximum surface temperature of 135 °C. • High-reliability submersible motor with IP68 protection, Class F insulation, and verified by hydrostatic pressure testing. • Enhanced safety protection through anti-rust and arc-resistant coatings on all critical explosion-proof surfaces.	• Precision-cast stainless steel construction delivers excellent corrosion resistance, suitable for general corrosive working conditions.	• Efficient closed-loop motor cooling ensures lower temperature rise and longer service life. • Smart cloud monitoring (≥30 kW) enables real-time condition monitoring, alarms, and remote operation. • Comprehensive protection with overheat, temperature, and leakage detection for safe operation.
Application	Sewage Drainage Water treatment	Sewage Drainage Water treatment	Sewage Drainage Water treatment
Flow Range	10 m^3/h to 520 m^3/h	3 m^3/h to 200 m^3/h	70 m^3/h to 2300 m^3/h
Head Range	7 m to 53 m	6 m to 56 m	5 m to 80 m
Size Range	50 mm to 250 mm	50 mm to 100 mm	80 mm to 400 mm
Electrical Data	380V(3-phase),50Hz 2900 & 1450 RPM	380V(3-phase),50Hz 2900 & 1450 RPM	380V(3-phase),50Hz 2900 & 1450 RPM

Series	WQR	KZJ	ZQHQ
Product Photo			
Type	Horizontal Self Cooling Circulating Sewage Pump	Slurry Pump	Submersible Axial Flow Pump, Mixed Flow Pump
Features	• Efficient closed-loop motor cooling ensures lower temperature rise and longer service life. • Smart cloud monitoring (≥30 kW) enables real-time condition monitoring, alarms, and remote operation. • Comprehensive protection with overheat, temperature, and leakage detection for safe operation.	• High-efficiency hydraulic design offers low wear, strong anti-clogging, and excellent cavitation resistance. • Flexible sealing and material options suit diverse operating conditions with high cost-effectiveness. • Robust structure with long-life bearings, oversized shaft, and easy impeller adjustment ensures stable operation.	• Patented high-efficiency hydraulic design verified by CFD ensures energy-saving performance. • Durable sealing and bearing system with double mechanical seals and optimized load balancing for long service life. • Highly reliable submersible motor with Class F insulation, dual sealing, and full protection monitoring. • Flexible installation options, with food-grade coating available for potable water applications.
Application	Sewage Drainage Water treatment	Sewage Water treatment	Drainage and sewage treatment for cities, industrial plants, and construction sites. Water supply for steel plants, mines, power plants, and pressurized water circulation systems. Water conservancy projects and flood control & drainage. Agricultural irrigation, aquaculture, and salt field applications.
Flow Range	70 m^3/h to 2300 m^3/h	30 m^3/h to 2000 m^3/h	0.2 m^3/h to 22 m^3/h
Head Range	5 m to 80 m	15 m to 130 m	1.5 m to 35 m
Size Range	80 mm to 400 mm	DN40 to DN300	300 mm to 2400 mm
Electrical Data	380V(3-phase),50Hz 2900 & 1450 RPM	380V(3-phase),50Hz 2900 & 1450 RPM	380V,660V.6kV,10kV,50Hz

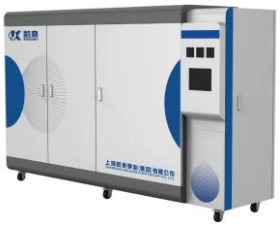
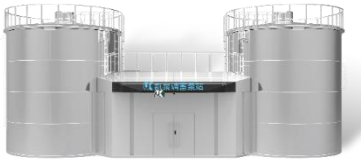
Series	KZJL	LCX	WL-TS
Product Photo			
Type	Sump Slurry Pump	Long-acel Pump (Vertical Turbine)	Sewage Lifting Device
Features	• High-efficiency hydraulic design offers anti-clogging, low wear, and excellent cavitation resistance. • Multiple sealing and material options suit varied operating conditions with high cost-effectiveness. • Robust structure with long-life bearings, high rigidity, and easy impeller adjustment ensures stable operation.	• Double rolling bearings with thin-oil lubrication ensure stable operation and long service life. • Modular shaft and coupling design allows flexible submerged-depth adjustment and easy installation. • High-precision alignment and PFC polymer guide bearings deliver excellent wear, corrosion and temperature resistance.	• Equipped with PE tanks (460 L or 770 L) and two submersible sewage pumps for reliable sewage lifting. • Key features include cutter pump option for solids handling, redundant level sensors for safety, anti-sedimentation backwash piping, and high-reliability motors supporting frequent starts.
Application	metallurgy steel plants coal preparation mineral processing alumina flue gas desulfurization mining	metallurgy mining chemical industry paper making tap water boiler circulation water uban water supply and drainage freshwater and seawater intake	WL-TS series sewage lifting units are specially developed for urban metro sewage pumping stations . They are used for collecting and lifting wastewater in underground facilities such as subway stations where gravity drainage is not possible.
Flow Range	6 m^3/h to 364 m^3/h	60 m^3/h to 5100 m^3/h	15 m^3/h to 45 m^3/h
Head Range	2.4 m to 45.4 m	13 m to 120 m	12 m to 40 m
Size Range	DN40 to DN150	DN100 to DN800	460/770L
Electrical Data	380V(3-phase),50Hz 2900 & 1450 RPM	380V(3-phase),50Hz 2900 & 1450 RPM	4 KW -7.5kW

Series	WQTS-PE	WQT	Intelligent Integration of Prefabricated Pumping Station
Product Photo			
Type	Sewage Lifting Device	Stainless Steel Sewage Lifting Unit	Intelligent Integration of Prefabricated Pumping Station
Features	• PE Water Tanks, available in volumes of 150L, 250L and 500L; • Inlet DN100/80, Outlet DN65/50; • Equipped with 1 or 2 submersible sewage pumps. • The tanks can be stacked and connected in parallel.	• Stainless Steel Water Tanks, available in volumes of 150L, 250L, 400L, 1000L and 1500L; • Inlet DN100/80, Outlet DN65/50; • Equipped with 1 or 2 submersible sewage pumps. • The tanks can be stacked and connected in parallel.	• Fully prefabricated pump station customized to user requirements for quick installation. • Remote intelligent monitoring enables real-time control and data management. • Durable GRP structure with 50-year service life, plus built-in safety ventilation and gas detection. • Self-cleaning, anti-sedimentation base ensures reliable long-term operation.
Application	Sewage	Sewage	Sewage Drainage
Flow Range	5 m^3/h to 40 m^3/h	5 m^3/h to 50 m^3/h	
Head Range	8 m to 35 m	3 m to 40 m	
Size Range	suction: DN100/80, discharge: DN65/50 150L、250L、500L	suction: DN100/80, discharge: DN65/50 150L、250L、400L、1000L、 1500L	1200mm -3800mm
Electrical Data	380V(3-phase),50Hz 2900 & 1450 RPM	380V(3-phase),50Hz 2900 & 1450 RPM	0.75 KW -11 kW

Series	KQWT-B	KQWT-A	GQSX
Product Photo			
Type	Distributed Sewage Treatment Equipment	Distributed Sewage Treatment Equipment	Submersible Axial Flow Pump
Features	• Designed for rural distributed sewage treatment with stable, low-cost operation. • Compact integrated biochemical process ensures reliable performance and easy maintenance. • Fast deployment with full-solution support covering treatment, monitoring, and O&M.	• Ideal for rural distributed sewage treatment, offering stable, low-cost operation. • Integrated biochemical process enables compact layout, fast construction, and easy maintenance. • Complete solution covering collection, treatment, monitoring, and O&M.	• Advanced hydraulic impeller design ensures stable performance, high efficiency, and excellent cavitation resistance. • Robust horizontal structure with fully isolated rolling bearings handles axial and radial loads reliably. • Reliable motor and compact design with Class F insulation, dual sealing, low vibration, and long seal/bearing life. • Bidirectional S-shaped blades enable forward and reverse pumping by phase sequence change.
Application	Sewage treatment	Sewage treatment	Drainage and sewage treatment for cities, industrial plants, and construction sites. Water supply for steel plants, mines, power plants, and pressurized water circulation systems. Water conservancy projects and flood control & drainage. Agricultural irrigation, aquaculture, and salt field applications.
Flow Range	20 m^3/d to 200 m^3/d	5 m^3/d to 150 m^3/d	0.5 m^3/s to 30 m^3/s
Head Range	200-2800(people)	500-2400(people)	1.5 m to 10 m
Size Range	12.4 m^2 – 56 m^2	9.78 m^2 – 50.2 m^2	1.5 m to 10 m
Electrical Data	0.65 KW - 4.65 kW	0.33 KW - 4.5 kW	380V、660V、3KV 6KV、10KV

Series	WJ	ZLHL	Full-Flow Pump
Product Photo			
Type	Submersible Mixers	Large Axial Mixed Flow Pump	Full-Flow Pump
Features	• IP68 submersible motor with Class F insulation ensures reliable deep-water operation. • Sealed cable and junction box with resin encapsulation prevent water ingress. • Comprehensive protection includes leakage and thermal sensors. • Efficient, anti-tangle impeller with dual mechanical seals ensures reliable sealing. • Heavy-duty bearing system provides high load capacity and stable operation.	• Advanced, high-efficiency hydraulic design with a wide performance range, combined with a conventional shaft-less structure and standard motor for economical operation and easy maintenance.	
Application	Water treatment	Drainage and sewage treatment for cities, industrial plants, and construction sites. Water supply for steel plants, mines, power plants, and pressurized water circulation systems. Water conservancy projects and flood control & drainage. Agricultural irrigation, aquaculture, and salt field applications.	
Flow Range		0.2 m^3/s to 12 m^3/s	0.3 m^3/s to 5 m^3/s
Head Range		2 m to 30 m	0.3 m to 10 m
Size Range	210 mm – 730 mm	350 mm – 1600 mm	300 mm to 1200 mm
Electrical Data	380V(3-phase),50Hz 2900 & 1450 RPM	380V,660V.6kV,10kV,50Hz	380V,660V.6kV,10kV,50Hz

System & Solutions

Series	Direct Drinking Water System	KQF	Intelligent Pumping Station for Farmland Irrigation
Product Photo			
Type	Direct Drinking Water System	Storage Pump Station	Intelligent Pumping Station for Farmland Irrigation
Features	• Complete Water Purification Process • 9-stage treatment including filtration, • deodorization, ozone and UV sterilization • Food-grade stainless steel water production system	• Stainless steel cylindrical water tanks are adopted, which are clean, hygienic, easy to clean, and simple to maintain Features intelligent adaptive storage technology that analyzes and predicts time-varying trends in flow, level, and inflow/outflow patterns. • Adopts superposed pressure water supply (cascade pressure supply) for superior energy efficiency. • Full Prefabrication, Integrated Supply, On-site Assembly, and Rapid Construction	• Factory Prefabrication, Integrated Transport • Integral Lifting, Fast Installation • Outdoor Protection, Weather & Heat Resistant • Automatic Control, Effortless Operation • Smart IoT Connectivity, Remote O&M
Application	• Villa/townhouses • Schools • Hospitals • Hotels • Office buildings • Factories • Residential communitiess	• Urban centralized pressurization and peak-shaving systems • Pipeline network terminal pressurization • Standard grid water pumping stations • Suburban and township water supply pressurization • Industrial pumping stations for factories, mines, and large construction sites	• Irrigation
Flow Range	0.25 m^3/h to 5 m^3/h	150 m^3/h to 2500 m^3/h	Customized solution
Head Range	0.4 Mpa – 1 Mpa	20m to 60m	Customized solution
Size Range	(L X W X H) (3500 X 900 X 2100) mm	200 mm – 800 mm	Customized solution
Electrical Data	AC220V / 50Hz	380V±10%，50HZ±5% Earth resistance less then 4 Ohm	Customized solution

Series	Integrated Smart Pumping Station	Miniature Pressurized Water Supply Equipment	Direct-connected Water Supply Equipment
Product Photo			
Type	Integrated Smart Pumping Station	Miniature Pressurized Water Supply Equipment	Direct-connected Water Supply Equipment
Features	• full containerized pump set • More application scenarios • Easy to transport and install • Full redundancy for greater reliability • Multiple noise-reduction technologies • Energy-efficient equipment • Smart IoT connectivity	• full containerized pump set • More application scenarios • Easy to transport and install • Full redundancy for greater reliability • Multiple noise-reduction technologies • Energy-efficient equipment • Smart IoT connectivity	• full containerized pump set • More application scenarios • Easy to transport and install • Full redundancy for greater reliability • Multiple noise-reduction technologies • Energy-efficient equipment • Smart IoT connectivity
Application	• Schools • Hospitals • Hotels • Office buildings • Factories • Residential communitiess	• U-Retrofiting of rural water supply pipeline networks • pressurization of integrated urban-rural water supply pipeline networks	• U-Retrofiting of rural water supply pipeline networks • pressurization of integrated urban-rural water supply pipeline networks
Flow Range	2 m^3/h to 150000 m^3/h	1 m^3/h to 44 m^3/h	10 m^3/h to 480 m^3/h
Head Range	20m to 200m	20m to 60m	20m to 60m
Size Range	300L-5000L	DN 50 – DN 100	50 mm – 150 mm
Electrical Data	380V(3-phase),50Hz 2900 & 1450 RPM	380V(3-phase),50Hz 2900 & 1450 RPM	380V, 50Hz 2900 & 1450 RPM

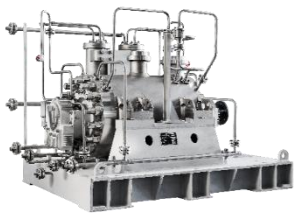
Chemical & Oil Pumps

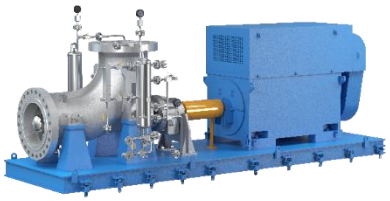
Series	2BEX	2BVX	2BEK
Product Photo			
Type	Liquid Ring Vacuum Pumps and Compressors	Liquid Ring Vacuum Pumps and Compressors	Liquid Ring Vacuum Pumps and Compressors
Features	The pump adopts a single-stage water ring structure using water as the sealing and cooling medium, ensuring stable operation and low vibration. It features simple construction, good corrosion resistance, reliable performance, easy maintenance, and strong adaptability to harsh operating conditions.	The pump features a compact direct-coupled design, low noise, smooth operation, and high efficiency. Standard mechanical seals, stainless-steel impellers, and a flexible exhaust port design improve reliability, corrosion resistance, and energy efficiency while reducing maintenance needs.	The pump adopts a single-stage water ring design with a flat-disc structure , ensuring reliable operation and easy maintenance. Optimized hydraulic design provides a wide high-efficiency zone, low vibration, low noise, and strong adaptability to harsh industrial environments
Application	The 2BEX Water Ring Vacuum Pump is widely used to generate vacuum or compress gas in chemical, petrochemical, power, pharmaceutical, paper, food, and mining industries . It is especially suitable for handling wet gases, corrosive media, and gas mixtures containing vapor or small particles .	The 2BVX liquid ring vacuum pump is widely used in power, chemical, paper, pharmaceutical, food, mining, and textile industries. Typical applications include vacuum distillation, filtration, drying, degassing, vacuum packaging, and gas recovery processes.	The 2BEK water ring vacuum pump is widely used in power generation, chemical processing, paper, mining, pharmaceutical, sugar, and nitrogen production industries . It is suitable for vacuum processes involving wet gases, vapors, and corrosive media , especially under continuous-duty conditions.
Flow Range	150 m^3/h to 27000 m^3/h (Gas)	6 m^3/h to 500 m^3/h (Gas)	1200 m^3/h to 7200 m^3/h (Gas)
Head Range	33-1013hPa or 160-1013hPa（suction absolute pressure）	10-1013hPa（suction absolute pressure）	160-1013hPa（suction absolute pressure）
Size Range	50mm -400mm	Rp1-DN80	250mm -600mm
Electrical Data	380V(3-phase),50Hz 2900 & 1450 RPM	380V(3-phase),50Hz 2900 & 1450 RPM	380V(3-phase),50Hz 2900 & 1450 RPM

Series	DG	Type D Multi-Stage Mining Pump	KCZ
Product Photo			
Type	Medium-Low Pressure Boiler Pumps	Liquid Ring Vacuum Pumps and Compressors	Standard Chemical Process Pump
Features	The pump is a segmented multistage centrifugal design with CFD-optimized hydraulic components for high efficiency and stable operation. It features central or anchor support structures, reliable balancing devices, complete monitoring options, and robust materials suitable for high pressure and high temperature service.		The pump features a horizontal single-stage end-suction design compliant with ISO 5199 / GB/T 5656 and referenced to API 610 standards. It uses CFD-optimized hydraulics for high efficiency and good anti-cavitation performance, a short overhang shaft for high reliability, flexible mechanical seal options, and a pull-out structure for easy maintenance and reduced lifecycle cost.
Application	Boiler feed water and other high temperature clean water		The KCZ series chemical process pump is designed for conveying low- and high-temperature liquids , including neutral or corrosive fluids, clean liquids, or media containing small solid particles. It is widely used in chemical and petrochemical plants, refineries, coal chemical industry, desalination, power plants, metallurgy, pharmaceuticals, paper and pulp, water supply, heating, and HVAC systems .
Flow Range	3.75 m^3/h to 440 m^3/h	3.75 m^3/h to 1200 m^3/h	Achieve 2000 m^3/h
Head Range	50m -675m	50 m -1550 m	Achieve 160 m
Size Range	40 DN -200 DN	40 DN -350 DN	32 DN -300 DN
Electrical Data	380V(3-phase),50Hz 2900 & 1450 RPM	380V(3-phase),50Hz 2900 & 1450 RPM	380V(3-phase),50Hz 2900 & 1450 RPM

Series	KHZW	KNL	KQTL
Product Photo			
Type	Horizontal Chemical Axial Flow Pump	Barrel Condensate Pump	Desulphurization pump
Features	The pump adopts a horizontal axial-flow hydraulic design with high efficiency and smooth operation. It features compact structure, low vibration, good cavitation performance, reliable mechanical sealing, and easy maintenance, making it suitable for continuous industrial service.	The pump adopts a vertical barrel (can-type) multistage centrifugal design , providing excellent anti-cavitation performance and high reliability. It features compact structure, smooth operation, low vibration, cartridge-type internals for easy maintenance, and long service life for power plant applications.	The pump is a single-stage, single-suction horizontal centrifugal pump with CFD-optimized hydraulics for high efficiency and energy saving. It features a back pull-out structure , adjustable impeller axial position, heavy-duty bearing system with oil lubrication, wear- and corrosion-resistant materials, and cartridge-type mechanical seals specially designed for FGD service.
Application	The KHZW series horizontal chemical axial flow pump is designed for transporting large-flow, low-head liquids in chemical and industrial processes. It is widely used in chemical plants, petrochemical units, desalination systems, power plants, and circulation systems , especially where high flow and stable operation are required.	The LDTN / KNL barrel-type condensate pump is used in thermal power plants, nuclear power plants, and large industrial steam turbine systems to transport condensate from the condenser to the feedwater system. It is suitable for continuous operation under high temperature, low NPSH, and large flow conditions.	The KQTL series desulfurization pump is mainly used as an absorber circulation pump in wet flue gas desulfurization (FGD) systems of coal-fired power plants. It is designed to transport limestone–gypsum slurry and can also handle corrosive, particle-containing liquids in metallurgy, mining, coal, and municipal wastewater applications.
Flow Range	200 m^3/h to 2000 m^3/h	60 m^3/h to 2300 m^3/h	1200 m^3/h to 16000 m^3/h
Head Range	2m -6m	100 m -390 m	20 m -31.3 m
Size Range	150 DN - 1200 DN	100 DN -500 DN	300 DN -900 DN
Electrical Data	380V(3-phase),50Hz 2900 & 1450 RPM	380V(3-phase),50Hz 2900 & 1450 RPM	380V(3-phase),50Hz 2900 & 1450 RPM

Series	KZA	KZEF	KZE
Product Photo			
Type	Petrochemical Process Pump	High Temperature Pressurized Water Pump	High Temperature Pressurized Water Pump
Features		The pump uses an advanced hydraulic design with high efficiency and excellent cavitation performance. It features a reinforced bearing housing with optional air or water cooling, API 682-compliant mechanical seals, and a centerline-supported casing suitable for high-temperature operation up to 300 °C and pressures up to 7.5 MPa .	The pump is a single-stage, single-suction horizontal centrifugal pump with a centerline-supported casing suitable for high-temperature service. It features high hydraulic efficiency, excellent NPSH performance, air or water-cooled bearing housings, API 682-compliant mechanical seal options, and a modular design that improves reliability and reduces maintenance cost.
Application		The KZEF pump is designed for high-temperature and high-pressure circulating water systems. It is widely used in power plants, district heating networks, industrial process circulation, metallurgy, chemical processing, and waste-heat recovery systems where stable operation under extreme conditions is required.	The KZE series pump is designed for high-temperature and high-pressure circulating water systems . It is widely used in power plants, district heating networks, industrial process circulation, waste-heat recovery, metallurgy, chemical industry, and large building heating systems .
Flow Range	0.5 m^3/h to 3000 m^3/h	0.5 m^3/h to 3000 m^3/h	0.5 m^3/h to 3000 m^3/h
Head Range	4m -230m	4 m -230 m	4 m -230 m
Size Range	25 DN - 400 DN	25 DN -400 DN	25 DN -400 DN
Electrical Data	380V(3-phase),50Hz 2900 & 1450 RPM	380V(3-phase),50Hz 2900 & 1450 RPM	380V(3-phase),50Hz 2900 & 1450 RPM

Series	KZA	HD	HHSI 150-600
Product Photo			
Type	Petrochemical Process Pump	Vertical Diagonal Flow Pum	High-pressure Injection Pump
Features	The pump is designed in accordance with API 610 (OH2) standards , featuring a robust centerline-supported casing suitable for high-temperature service. It adopts high-efficiency hydraulic design, a stiff shaft with low deflection, flexible sealing systems per API 682, and a modular structure for high reliability and easy maintenance.	The pump adopts a mixed-flow hydraulic design , combining the advantages of axial and centrifugal pumps for high efficiency and strong adaptability. It features reliable structure, low vibration, good cavitation performance, flexible installation forms, and suitability for continuous large-capacity operation.	
Application	The KZA series petrochemical process pump is designed for conveying clean or slightly contaminated liquids , including flammable, toxic, high-temperature, and high-pressure media. It is widely used in oil refining, petrochemical, coal chemical, natural gas, offshore platforms, chemical processing, and energy industries .	The HD series mixed flow pump is mainly used for large-flow and medium-head water transfer . Typical applications include irrigation and drainage, flood control, municipal water supply, circulating water systems in power plants, and industrial water intake and discharge projects .	
Flow Range	0.5 m^3/h to 3000 m^3/h	0.27 m^3/h to 16.7 m^3/h	
Head Range	4m -230m	5.7 m -60 m	11 Mpa
Size Range	25 DN - 200 DN	300 DN -3000 DN	
Electrical Data		380V(3-phase),50Hz 2900 & 1450 RPM	pump:10kV Water-cooled electric motor:560kV

Series	K(T)DZ	KAFW	KDA
Product Photo			
Type	Descaling Pump	Loop Reactor Pump	Quench Oil Circulating Pump
Features	Double-casing, multistage centrifugal pump (BB5 type) with cartridge (pull-out) design Forged barrel casing with excellent pressure resistance; wear- and corrosion-resistant material is overlaid in high-erosion areas Back-to-back impeller arrangement provides automatic axial force balancing and long service life Horizontal centerline support , ensuring stable operation under high temperature and pressure Non-contact hydraulic sealing , safe, reliable, and long-lasting	The KAFW pump is designed in accordance with API 610 , API 682 , and API 671 standards, ensuring high reliability and safety. It features centerline support, thermal compensation, triple mechanical seals, and a high-efficiency axial-flow hydraulic design. The pump offers predictable performance, easy maintenance, long service intervals, and low total ownership cost.	The KDA pump is designed in accordance with API 610 (BB2 type) and incorporates API 682 mechanical seals and API 671 couplings for high reliability. It features a radially split, centerline-supported structure with thermal compensation, a double-suction impeller for excellent anti-cavitation performance, and robust design measures to handle high-temperature, high-viscosity, and particle-laden media safely and reliably
Application	The K(T)DZ Series Descaling Pump is mainly used for hot-rolled steel descaling systems . It is also suitable for other high-pressure water supply applications	The KAFW Series Loop Reactor Axial Flow Pump is designed specifically for loop reactor systems in the polyolefin industry . It is widely used in liquid-phase polypropylene (PP) , polyethylene (PE) , and alpha-olefin (LAO) production processes. The pump can be customized to suit different reactor sizes and process requirements.	The KDA Series Quench Oil and Quench Water Circulating Pump is used in ethylene plant quench systems , where it circulates quench oil and quench water between cracking furnaces, quench towers, and heat recovery equipment. It plays a critical role in rapidly cooling cracked gas, preventing secondary reactions, and ensuring stable long-term plant operation.
Flow Range	80 m^3/h to 650 m^3/h	18300 m^3/h	4000 m^3/h
Head Range	600m -3300m	80 m	180 m
Size Range		150 mm -900 mm	
Electrical Data			

Series	KQTP	KSY	KTD(Z)
Product Photo			
Type	Liquid Pressure Recovery Turbine	Long Distance Oil Transfer Pump	Hydrogenation Feed Pump
Features	The KQTP turbine is designed in accordance with API 610 (11th Edition) and features a double-casing, centerline-supported structure with thermal compensation for reliable high-temperature operation. It offers high efficiency over a wide operating range, supports gas–liquid two-phase flow, allows flexible material selection, and can be integrated with pumps, gearboxes, or generators for optimized energy recovery systems.	The KSY pump is a horizontal, radially split centrifugal pump designed for pipeline service, featuring high efficiency and stable operation. It offers a robust structure, good cavitation performance, easy maintenance, and reliable operation for continuous-duty oil transportation applications.	The KTD(Z) pump is a horizontal, multistage, double-casing centrifugal pump designed in accordance with API 610 (BB5 type) . It features high efficiency with a wide high-efficiency zone, excellent anti-cavitation performance, robust construction for high-temperature and high-pressure media, and flexible material and mechanical seal options compliant with API 682 .
Application	The KQTP Series Liquid Pressure Recovery Turbine is used to recover excess pressure energy from high-pressure process fluids and convert it into useful mechanical or electrical energy. It is widely applied in refining, coal chemical processing, synthetic ammonia units, LNG stations, seawater desalination systems , and other processes with surplus pressure energy.	The KSY Series Pipeline Oil Pump is designed for the long-distance transportation of crude oil and refined petroleum products in pipeline systems. It is widely used in oil gathering, trunk pipelines, refineries, and oil depots, where continuous, stable, and reliable operation is required.	The KTD(Z) Series Hydrogenation Feed Pump is mainly used in refining and petrochemical hydrogenation units to deliver feedstock to hydrogenation reactors. It is also suitable for boiler feed water in captive power plants, lean and semi-lean liquid transfer in coal chemical processes, and other high-temperature, high-pressure services .
Flow Range	6580 m^3/h	68 m^3/h to 3975 m^3/h	30 m^3/h to 750 m^3/h
Head Range	3250m	10 m - 230 m	600 m - 3850 m
Size Range		150 mm -600 mm	
Electrical Data		380V,6kV,10kV	

Series	KTDZ	LX	Conventional Island Main Feedwater Pump Set
Product Photo			
Type	Thigh Pressure Water Pump	Boiler Water Circulation Pump	Conventional Island Main Feedwater Pump Set
Features	The KTDZ pump is a horizontal, multistage, double-casing centrifugal pump designed in accordance with API 610 (BB5 type) . It features high efficiency with low cavitation, a centerline-supported structure for high-pressure service, convenient maintenance with cartridge-style internals, and flexible material selection for corrosive and high-pressure applications.	The LX pump adopts a sealless, vertical inverted single-stage design with a wet stator motor, ensuring zero leakage and high reliability. It features optimized hydraulic design, high-reliability sliding bearings, external high-pressure cooling and filtration systems, and a structure that allows easy maintenance without requiring a foundation.	The pump set features a high-efficiency multistage centrifugal pump with robust construction for continuous-duty operation. It offers high reliability, excellent hydraulic efficiency, stable operation under variable loads, and convenient maintenance, making it suitable for long-term power plant service.
Application	The KTDZ Series High-Pressure Water Pump is mainly used as a high-pressure cutting water pump in refinery delayed coking units . It is designed to deliver high-pressure water for hydraulic coke cutting systems, ensuring safe and reliable operation in severe refinery conditions.	The LX Type Boiler Water Circulation Pump is used in power generation and coal chemical industries for high-temperature, high-pressure boiler water circulation . It is widely applied in forced-circulation boilers, once-through boiler circulation systems, low-load cooling circulation of supercritical and ultra-supercritical boilers, and syngas cooling circulation systems.	The Conventional Island Main Feedwater Pump Set is used in thermal power plants to supply high-pressure feedwater to boilers. It ensures stable and continuous water delivery under high temperature and high pressure, supporting safe and efficient boiler operation.
Flow Range	150 m^3/h to 400 m^3/h	5000 m^3/h	5000 m^3/h
Head Range	1500 m – 3800 m	200 m	1000 m
Size Range			
Electrical Data			

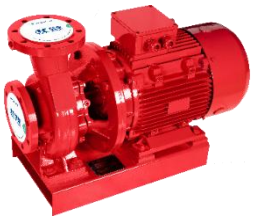
Series	KQDQ	KQDL	KQDW
Product Photo			
Type	High-Pressure Pump	Mulit-Stage Pump	Mulit-Stage Pump
Features	The pumps are lightweight vertical multistage centrifugal pumps with all wetted parts made of stainless steel . They feature compact structure, high efficiency, cartridge-type mechanical seals, reliable sealing performance, long service life, and easy installation and maintenance.	Vertical multistage design with compact footprint, low vibration, and low noise. High efficiency hydraulic components, reliable mechanical seals, corrosion-resistant impellers, and flexible outlet orientations ensure long service life and easy installation	The pump adopts a horizontal multistage centrifugal design with high efficiency and stable operation. It features compact structure, low vibration and noise, reliable mechanical seals, corrosion-resistant materials, and convenient installation and maintenance.
Application	The KQDQ and KQDH Series High-Pressure Pumps are used for water treatment systems, ultrafiltration and reverse osmosis units, high-pressure cleaning, boosting systems, and industrial water supply . They are suitable for conveying clean water or liquids with similar physical and chemical properties.	Used for municipal and industrial water supply, building pressure boosting, HVAC circulation, boiler feedwater, and fire-fighting systems. Especially suitable for high-rise buildings with zoned pressure and continuous clean-water service	The Second-Generation KQDW pump is used for industrial and municipal water supply, pressure boosting, boiler feedwater, HVAC circulation, and fire-fighting systems . It is suitable for transporting clean water or liquids with similar physical and chemical properties.
Flow Range	2 m^3/h to 20 m^3/h	32 m^3/h to 280 m^3/h	32 m^3/h to 280 m^3/h
Head Range	179 m – 225 m	30 m – 240 m	30 m – 240 m
Size Range	25 DN - 50 DN	80 DN - 200 DN	80 DN - 200 DN
Electrical Data	380V(3-phase),50Hz 2900 & 1450 RPM	380V(3-phase),50Hz 2900 & 1450 RPM	380V(3-phase),50Hz 2900 & 1450 RPM

Series	Conventional Island Main Feedwater Pre-Pump	Second-generation enhanced industrial water pump	Photohot Melt Salt Pump
Product Photo			
Type	Conventional Island Main Feedwater Pre-Pump	Second-generation enhanced industrial water pump	Photohot Melt Salt Pum
Features	The pump features a high-efficiency centrifugal hydraulic design optimized for continuous operation. It offers stable performance, good cavitation resistance, high reliability, and easy maintenance, making it well suited for long-term service in power plant feedwater systems.	The pump adopts an enhanced hydraulic design with improved efficiency and reduced energy consumption compared to previous generations. It offers reliable operation, good cavitation performance, robust structure, and easy maintenance, making it ideal for long-term industrial service.	The pump adopts a vertical multistage high-temperature centrifugal design with low radial force and reliable shaft sealing. It offers high-temperature structural stability, strong nozzle load capacity, and convenient maintenance through extended coupling and independent baseplate design.
Application	The Conventional Island Main Feedwater Pre-Pump is installed upstream of the main feedwater pump in thermal power plants . It provides stable inlet pressure to the main feedwater pump, preventing cavitation and ensuring reliable operation of the boiler feedwater system.	The Second-Generation Enhanced Industrial Water Pump is designed for general industrial water supply and circulation systems , including power plants, petrochemical facilities, steel plants, and municipal industries. It is suitable for transporting clean water or slightly contaminated industrial water under continuous-duty conditions.	The Molten Salt Pump is used in 10–100 MW concentrated solar power (CSP) plants to circulate hot and cold molten nitrate salt. It supports heat collection, heat storage, and heat transfer systems operating at very high temperatures.
Head Range			400 m

Series	DSC03626
Product Photo	
Type	High-temperature Molten Salt Pump
Flow Range	300 m^3/h
Head Range	20 m
Size Range	
Electrical Data	90 Kw

Fire Fighting pumps

Series	The Internet of Things Fire Water Supply Unit	XBC	XBD-DN/XBD-DN-W
Product Photo		 	
Type	The Internet of Things Fire Water Supply Unit	Diesel Fire-fighting Pump	Vertical/Horizontal Multi-Stage Fire-Fighting Centrifugal Pump
Flow Range	15 l/s to 140 l/s	10 l/s to 800 l/s	20 l/s to 60 l/s
Head Range	30 m - 200 m	0.2 Mpa – 2 Mpa	1.0 Mpa – 2.4 Mpa
Size Range	100 mm – 250 mm	DN150 – DN400	100 mm – 200 mm
Electrical Data	380V(3-phase),50Hz 2900 & 1450 RPM		380V(3-phase),50Hz 2900 & 1450 RPM

Series	XBD-DP	XBD	XBD
Product Photo	 		
Type	Vertical Multi-Stage Fire-Fighting Centrifugal Pump	Vertical Single-stage Fire-Fighting Centrifugal Pump	Horizontal Single-stage Fire-Fighting Centrifugal Pump
Flow Range	1 l/s to 20 l/s	10 l/s to 80 l/s	5 l/s to 100 l/s
Head Range	0.3 Mpa – 2.5 Mpa	0.38 Mpa – 1.4 Mpa	0.32 Mpa – 2.4 Mpa
Size Range	32 mm – 100 mm	80 mm – 200 mm	160 mm – 460 mm
Electrical Data	380V(3-phase),50Hz 2900 & 1450 RPM	380V(3-phase),50Hz 2900 & 1450 RPM	380V(3-phase),50Hz 2900 & 1450 RPM

Series	XBD-WGZ-KW-Ⅲ	Fire Pump Room	W
Product Photo			
Type	Full Flow Non Overload Pump	Fire Pump Room	Firefighting Pressure Stabilization Equipment
Flow Range	15 l/s to 80 l/s	10 l/s to 60 l/s	
Head Range	0.3 Mpa – 2.0 Mpa	30 m – 110 m	
Size Range	80 mm – 200 mm	100 mm – 250 mm	150L/300L/450L
Electrical Data	380V(3-phase),50Hz 2900 & 1450 RPM	380V(3-phase),50Hz 2900 & 1450 RPM	380V(3-phase),50Hz 2900 & 1450 RPM

Series	001PGX-C	002PGX-LS	003PGX-LS
Product Photo			
Type	Fire pump control cabinet incorporating manual mechanical emergency start	Fire pump control cabinet incorporating manual mechanical emergency start	Fire pump control cabinet incorporating manual mechanical emergency start
Size Range	1600*600*600-2200*1000*600(H*W*D)	2000*800*600-2200*1200*800(H*W*D)	2200*800*600-2200*1000*800(H*W*D)
Electrical Data	75kW、90kW、132kW、160kW、200kW、250kW、315kW,50Hz	18.5kW-200kW,50Hz	18.5kW-160kW,50Hz

Series	2D3	002PGX-LS / MS	002PGX-MS
Product Photo			
Type	Dual-Power Fire Control Cabinet	Dual-Power Fire Pump Control Cabinet with Manual Mechanical Emergency Start and Mains Frequency Monitoring Function	Dual-Power Fire Pump Control Cabinet with Manual Mechanical Emergency Start and Mains Frequency Monitoring Function
Size Range	1600*600*600-2000*1000*800(H*W*D)	1600*600*600-2200*800*600(H*W*D)	1600*600*600-2200*800*600(H*W*D)
Electrical Data	100A、160A、200A、 250A、400A、500A 630A、800A、1000A、1250A、 1600A	Star-delta reduced-voltage starting: 18.5 kW to 160 kW Direct starting: 7.5 kW to 45 kW,50Hz	Star-delta reduced-voltage starting: 18.5 kW to 160 kW Direct starting: 7.5 kW to 45 kW,50Hz

Series	302PJX-KZQ	302PJX-PLC	006BDX
Product Photo			
Type	Fire Protection Pressure Stabilization Cabinet Controller	Fire Protection Pressure Stabilization Cabinet PLC	Intelligent Inspection Cabinet
Size Range	500*400*200-700*500*250(H*W*D)	700*500*250(H*W*D)	1600*600*600-2200*1000*800(H*W*D)
Electrical Data	0.75kW-15kW	0.75kW-15kW	7.5kW-160kW

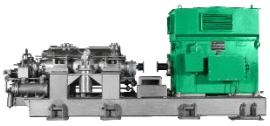
Series	008BDX	SD1	SD2
Product Photo			
Type	Intelligent Inspection Cabinet	Wall-mounted Manual Mechanical Emergency Start Cabinet	Vertical Manual Mechanical Emergency Start Cabinet
Size Range	1800*800*600-2200*1000*800(H*W*D)	600*500*250/700*500*400(H*W*D)	1600*600*400-2200*800*800(H*W*D)
Electrical Data	45 kW- 315 kW	7.5 kW- 315 kW	7.5 kW- 315 kW

Empower Water
Empower Future

KAIQUAN

Nuclear Power Pumps

Series	Nuclear Power High-Pressure Safety Injection Pump	Nuclear Power Plant Capacitance Make-up Water Pump	Condensate pumps for nuclear and thermal power plants
Product Photo			
Type	Nuclear Power High-Pressure Safety Injection Pump	Nuclear Power Plant Capacitance Make-up Water Pump	Condensate pumps for nuclear and thermal power plants

Series	Nuclear Grade II High-Pressure Injection Water Pump	Nuclear Level 3 Cooling Pump	Nuclear Grade III Fire Pump
Product Photo			
Type	Nuclear Grade II High-Pressure Injection Water Pump	Nuclear Level 3 Cooling Pump	Nuclear Grade III Fire Pump

Certification

CERTIFICATE

Bureau Veritas Certification Holding SAS - UK Branch certifies that the Management System of

SHANGHAI KAIQUAN PUMP (GROUP) CO., LTD.

No.4255, No.4287, Cao'an Road, Jiading District, Shangha, P.R. China

Unified social credit code: 91310000630452482T

has been audited and found to be in accordance with the requirements of the management system standards detailed below

ISO 45001:2018

Scope of certification:

Design and development, manufacture, test，sales and after- sales service of vane pumps, vacuum pumps, water-supply equipment and related control complete equipment

Certificate No.:
CN058959

Original certification date:
24-02-2020

Expiry date of previous cycle:
NA

Recertification Audit date:
NA

Current cycle start date:
23-01-2026

Expiry date:
23-02-2029
(Subject to the continued satisfactory operation of the organisation's Management System)

Version N: **1**

Issue Date:
23-01-2026

Signed on behalf of BVCH SAS UK Branch

UKAS MANAGEMENT SYSTEMS
0008

Certification body address: 5th Floor, 100 Lower Thames Street, London, EC3R 6DL, United Kingdom

Local Office Address: Bureau Veritas Certification (Beijing) Co., Ltd, Room 02, 9 / F, West Office Building 1, Oriental Economic and Trade City, Oriental Plaza, No.1 East Chang'an Street, Dongcheng District, Beijing, China. 100738

Further clarifications regarding the scope and validity of this certificate, and the applicability of the management system requirements, please call : +86 10 59683663

Certified organisation has to accept and pass regular surveillance audits, then this certificate can be continuously valid. Information of this certificate may be obtained by visiting CNCA website (www.cnca.gov.cn).

CERTIFICATE

Bureau Veritas Certification Holding SAS - UK Branch certifies that the Management System of

SHANGHAI KAIQUAN PUMP (GROUP) CO., LTD.

No.4255, No.4287, Cao'an Road, Jiading District, Shangha, P.R. China

Unified social credit code: 91310000630452482T

has been audited and found to be in accordance with the requirements of the management system standards detailed below

ISO 14001:2015

Scope of certification:

Design and development, manufacture, test，sales and after- sales service of vane pumps, vacuum pumps, water-supply equipment and related control complete equipment

Certificate No.:
CN058958

Original certification date:
24-02-2020

Expiry date of previous cycle:
NA

Recertification Audit date:
NA

Current cycle start date:
23-01-2026

Expiry date:
23-02-2029
(Subject to the continued satisfactory operation of the organisation's Management System)

Version N: **1**

Issue Date:
23-01-2026

Signed on behalf of BVCH SAS UK Branch

UKAS MANAGEMENT SYSTEMS
0008

Certification body address: 5th Floor, 100 Lower Thames Street, London, EC3R 6DL, United Kingdom

Local Office Address: Bureau Veritas Certification (Beijing) Co., Ltd, Room 02, 9 / F, West Office Building 1, Oriental Economic and Trade City, Oriental Plaza, No.1 East Chang'an Street, Dongcheng District, Beijing, China. 100738

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CERTIFICATE

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SHANGHAI KAIQUAN PUMP (GROUP) CO., LTD.

No.4255, No.4287, Cao'an Road, Jiading District, Shangha, P.R. China

Unified social credit code: 91310000630452482T

has been audited and found to be in accordance with the requirements of the management system standards detailed below

ISO 9001:2015

Scope of certification:

Design and development, manufacture, test，sales and after- sales service of vane pumps, vacuum pumps, water-supply equipment and related control complete equipment

External Certificate No.:
F02326Q00030R202

Original certification date:
24-02-2020

Expiry date of previous cycle:
NA

Recertification Audit date:
NA

Current cycle start date:
24-02-2026

Expiry date:
23-02-2029
(Subject to the continued satisfactory operation of the organisation's Management System)

Version N: **1**

Issue Date:
23-01-2026

BV Certificate Number:
CN058960

Signed on behalf of BVCH SAS UK Branch

UKAS MANAGEMENT SYSTEMS
0008

Certification body address: 5th Floor, 100 Lower Thames Street, London, EC3R 6DL, United Kingdom

Local Office Address: Bureau Veritas Certification (Beijing) Co., Ltd, Room 02, 9 / F, West Office Building 1, Oriental Economic and Trade City, Oriental Plaza, No.1 East Chang'an Street, Dongcheng District, Beijing, China. 100738

Further clarifications regarding the scope and validity of this certificate, and the applicability of the management system requirements, please call : +86 10 59683663

Certified organisation has to accept and pass regular surveillance audits, then this certificate can be continuously valid. Information of this certificate may be obtained by visiting CNCA website (www.cnca.gov.cn).

认证审核报告

上海凯泉泵业(集团)有限公司SHANGHAI KAIQUAN PUMP (GROUP) CO., LTD.

16321804

Bureau Veritas Certification China on behalf of BVC Holding SAS - UK Branch (Address: 5th Floor, 66 Prescot Street, London, E18HG, United Kingdom)

认证审核 / ISO 45001:2018 - ISO 9001:2015 - ISO 14001:2015

报告是保密的，仅发送给审核组、公司和Bureau Veritas认证办公室。

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1 基本信息

1.1 组织信息

公司名称	上海凯泉泵业(集团)有限公司SHANGHAI KAIQUAN PUMP (GROUP) CO., LTD.		
地址	中国上海市嘉定区曹安公路4255号、4287号No.4255, No.4287, Cao'an Road, Jiading District, Shanghai City, P.R. China		
城市	Shanghai-上海		
邮政编码	C200000		
县	-		
国家	China		
电话号码	15643695553	传真号码	--
合同号	16321804		

1.2 联系信息

联系人姓名	王辛 质量管理部 经理		
邮箱	wangxin2201@kaiquan.com.cn	电话号码	15643695553

2 审核信息

2.1 审核标准

审核标准	ISO 45001:2018 - ISO 9001:2015 - ISO 14001:2015

2.2 认证范围

语言	标准	地点名称	总公司	审核范围
英语	ISO 45001:2018	上海凯泉泵业(集团)有限公司SHANGHAI KAIQUAN PUMP (GROUP) CO., LTD.	✓	Design and development, manufacture, test，sales and after- sales service of vane pumps, vacuum pumps, water-supply equipment and related control complete equipment
中文简体	ISO 45001:2018	上海凯泉泵业(集团)有限公司SHANGHAI KAIQUAN PUMP (GROUP) CO., LTD.	✓	叶片式泵、真空泵、供水设备及其控制设备成套装置的设计、开发、生产、测试维护、销售及售后服务
英语	ISO 9001:2015	上海凯泉泵业(集团)有限公司SHANGHAI KAIQUAN PUMP (GROUP) CO., LTD.	✓	Design and development, manufacture, test，sales and after- sales service of vane pumps, vacuum pumps, water-supply equipment and related control complete equipment
中文简体	ISO 9001:2015	上海凯泉泵业(集团)有限公司SHANGHAI KAIQUAN PUMP (GROUP) CO., LTD.	✓	叶片式泵、真空泵、供水设备及其控制设备成套装置的设计、开发、生产、测试维护、销售及售后服务
英语	ISO 14001:2015	上海凯泉泵业(集团)有限公司SHANGHAI KAIQUAN PUMP (GROUP) CO., LTD.	✓	Design and development, manufacture, test，sales and after- sales service of vane pumps, vacuum pumps, water-supply equipment and related control complete equipment
中文简体	ISO 14001:2015	上海凯泉泵业(集团)有限公司SHANGHAI KAIQUAN PUMP (GROUP) CO., LTD.	✓	叶片式泵、真空泵、供水设备及其控制设备成套装置的设计、开发、生产、测试维护、销售及售后服务

场所数	1
员工数	1423
总公司	上海凯泉泵业(集团)有限公司SHANGHAI KAIQUAN PUMP (GROUP) CO., LTD.

若是多现场审核，创建一个列出所有现场和/或远程地点的附录并附属于本审核报告

审核类型	认证审核				
审核开始日期	2023/1/3	审核结束日期	2023/1/6	持续时间	20.5

2.3 审核员信息

审核组长	名称字母缩写	审核组成员	名称字母缩写
BAOYIN JI冀宝银	BYJ-SHA	MIN HU胡旻	FOH-SHA
		YAJUN FANG方亚军	YJF-SHA
		ZHENDONG Xu 徐震东	ZDX-SHA
		LIANGCHAO Jiang江良超	LCJ-SHA
		JINLIANG ZHENG郑金亮	JAZ-SHA

2.4 审核范围

审核目标

1.确认管理体系符合审核标准的所有要求；
2.确认组织已经有效实施其计划的安排；
3.确认管理体系是否能够实现组织的方针和目标，评估管理体系确保组织符合适用的法令、法规和合同要求的能力；
4.适用时，识别管理体系中潜在可提升的区域。；
5.第二阶段审核的目的是评估包括客户管理体系实施状况包括有效性：
至少包括以下内容：
a)符合所有适用的管理体系标准或其他规范性文件的信息和证据；
b)绩效监控、测量、报告和对关键绩效目标和指标（与适用的管理体系标准或其他规范性文件的期望相一致）的评估；
c）客户的管理体系和对于法规的符合性；
d）客户过程的运行控制；
e）内部审核和管理评审；
f）客户方针的管理职责；
g）标准要求与方针，目标和指标绩效之间的联系（与适用的管理体系标准或其他规范性文件的期望相一致），任何适用的法规要求、职责、人员能力、操作、程序、绩效数据以及内部审核发现和结论。

5 执行审核总结

5.1 审核结论

审核是基于对可获得信息的抽样过程，使用的审核方法有面谈、观察、活动的抽样和文件及记录的评审。

本次审核为IS0 9001: 2015、IS0 14001: 2015和ISO 45001:2018三个体系的再认证审核，本次审核为三体系结合审核，上次审核1项不符合经现场验证，整改完成有效。本次审核时间为2023.1.3-6，审核组成员为胡旻先生、江良超先生、方亚军先生、郑金亮先生、徐震东先生和冀宝银先生6人组成，胡旻先生、方亚军先生、郑金亮先生、徐震东先生和冀宝银先生覆盖全部专业代码，审核计划安排符合专业要求。公司已建立文件化的方针目标，目标分解到各职能部门，目标绩效处于受控状态。管理手册按标准要求建立，现场确认适宜、充分。公司的活动主要为叶片式泵、真空泵、供水设备及其控制设备成套装置的设计、开发、生产、测试维护、销售及售后服务，各过程和现场控制有效。内部审核按公司策划每年进行一次，管理评审按公司策划每年进行一次。内审和日常的不符合均进行了相应的整改，纠正措施有效，相关审核计划，审核报告及不符合项的整改资料确认，符合标准要求。管理评审对公司体系的适宜性，充分性，有效性进行了评估。本次审核开具了2项一般不符合项，经书面验证，整改完成有效。本次审核基于对可获得信息进行抽样的方法，审核计划中提到的审核目的已达成，企业的管理体系能够满足适用要求并具备实现预期结果的能力。企业三体系整合度达到85%以上，综合以上，公司的管理体系处于有效运行状态，推荐保持IS0 9001: 2015、IS0 14001: 2015和ISO 45001:2018证书有效，并换发新的证书。

5.2 审核发现总结

	重大	次要
不符合项的数量	0	2

5.3 管理系统有效性

1、体系文件：管理体系文件审核完成，符合标准的要求和企业现状。2、管理体系的实施和维护：通过现场审核表明：组织管理体系满足IS0 9001: 2015、IS0 14001: 2015和ISO 45001:2018和组织方针、目标的要求。公司管理体系文件基本保持适宜。公司领导高度重视体系工作，全体员工质量、环境和职业健康安全意识得以加强，目标基本完成；体系各过程得到控制，生产过程控制基本有效。3、管理体系持续改进：对外审及内审中的不符合进行了纠正并采取了纠正措施，内审检查表及审核发现事实基本描述清楚，判断及定性基本准确，内审结论与公司实际情况基本相符，内部审核基本可信，跟踪验证有效。4、目标设定和执行情况：制定了全面的管理目标、指标，完成情况良好。5、内审：已经进行了全面内审，审阅了内审计划、内审小组组成、检查表及内审报告，对于不符合项采取了纠正行动，并关闭了所有不符合项，基本符合。6、管理评审：已经进行了管理评审，各部门及管代汇报体系实施及改进情况，总经理主持。管理评审前期资料准备较为充分，管理评审报告输出改进需求，管理评审有效。7、纠正和预防措施：对外审的不符合采取了纠正和纠正措施，管理评审提出了持续改进的要求。

Confirmation Letter

Dear Shanghai KAIQUAN Pump (Group) Co., Ltd.,

We [Bureau Veritas Quality Services (Shanghai) Co., Ltd.] have issued EC certificates to you on November 8th, 2016 for your series pumps.

The Certificates Number as below,

1. EC-INS/SH-16/0005-01
2. EC-INS/SH-16/0005-02
3. EC-INS/SH-16/0005-03
4. EC-INS/SH-16/0005-04
5. EC-INS/SH-16/0005-05

We certify that these certificates are valid and effective unless the directive and standard are updated. In our certificates, it doesn't have validity period, the directive and standard are still effective, if no change or update of Machinery Directive 2006/42/EC and standard EN 809, you can use the certificates as latest version.

Bureau Veritas Quality Services (Shanghai) Co., Ltd.

Signature:

Date: 2016.8.1

China Quality Mark

能源管理体系认证证书

证书编号：00223EN1000R1M

兹证明

上海凯泉泵业（集团）有限公司

统一社会信用代码:91310000630452482T
住所:上海市嘉定区曹安公路 4255 号、4287 号
认证地址:上海市嘉定区曹安公路 4255 号、4287 号

管理体系符合

GB/T 23331-2020/ISO 50001:2018

RB/T 119-2015

覆盖的范围

叶片式泵、水环真空泵、以及消防、工业和生活用成套供水设备研发制造涉及的能源管理活动

能源绩效信息见附件

（本证书信息可在国家认证认可监督管理委员会官方网站 www.cnca.gov.cn 或方圆标志认证集团官方网站上查询。年度监督审核的《确认证书》用以证实本证书的持续有效性。）

生效日期：2023 年 12 月 26 日

有效期至：2026 年 12 月 25 日

签发人：

中国认可
管理体系
MANAGEMENT SYSTEM
CNAS C002-M

Member of IQNET

方圆标志认证集团
China Quality Mark Certification Group

北京市海淀区增光路33号 ✆ 010-88411888 http://www.cqm.com.cn
Address: No.33, Zengguang Road, Haidian District, Beijing, P.R. China

AB 0000178

China Quality Mark

能源管理体系认证证书

证书编号：00223EN1000R1M

附件(第 1 页)

产品/服务	报告期	报告期产量/产值	单位产品综合能耗/单位产值综合能耗
消防、工业和生活用成套供水设备（四分厂生产）	2022.11.1-2023.10.31	93670 台/套	1.315kgce/台/套
叶片式泵水环真空泵（五分厂生产）	2022.11.1-2023.10.31	14391 台/套	19.3689kgce/台/套
叶片式泵（六分厂生产）	2022.11.1-2023.10.31	92807 台/套	2.4811kgce/台/套
叶片式泵、水环真空泵（七分厂生产）	2022.11.1-2023.10.31	259 台/套	983.2390kgce/台/套

China Quality Mark

（本附件应与主证书共同使用）

生效日期：2023 年 12 月 26 日

有效期至：2026 年 12 月 25 日

签发人：

中国认可
管理体系
MANAGEMENT SYSTEM
CNAS C002-M

Member of IQNET

方圆标志认证集团
China Quality Mark Certification Group

北京市海淀区增光路33号 ✆ 010-88411888 http://www.cqm.com.cn
Address: No.33, Zengguang Road, Haidian District, Beijing, P.R. China

AB 0000180

China Quality Mark

Energy Management System Certificate

Certificate Number:00223EN1000R1M

CQM hereby certifies that

SHANGHAI KAIQUAN PUMP (GROUP) CO., LTD

Unified Social Credit Identifier: 91310000630452482T
Domicile:No.4255, No.4287, Cao'an Road, Jiading District, Shanghai, P.R.China
Certification Add.:No.4255, No.4287, Cao'an Road, Jiading District, Shanghai, P.R.China
the management system conform to
GB/T 23331-2020/ISO 50001:2018
RB/T 119-2015

This certificate is valid to the following scope:

Energy management activities related to the research and development and manufacturing of blade pumps, water ring vacuum pumps, and complete sets of water supply equipment for firefighting, industrial, and domestic use

Information of energy performance and boundaries refer to the attachment

China Quality Mark

(The information of this certificate can be inquired on www.cnca.gov.cn or website of CQM. The continual validity of the certificate can be checked by Certificate Confirmation of surveillance.)

Issued on: 2023-12-26
Expires on: 2026-12-25

签发人：

CNAS 中国认可 管理体系 MANAGEMENT SYSTEM CNAS C002-M

Member of IQNET

方圆标志认证集团
China Quality Mark Certification Group

北京市海淀区增光路33号 ✆ 010-88411888 http://www.cqm.com.cn
Address: No.33, Zengguang Road, Haidian District, Beijing, P.R. China

AB 0000179

China Quality Mark

Energy Management System Certificate

Certificate Number:00223EN1000R1M

Attachment (Page 1)

Products or services	Reporting Period	Output/ Output value in the reporting period	Comprehensive energy consumption for unit output of product/for unit output value
Complete set of water supply equipment for fire protection,industrial and domestic use (produced by the fourth bracnh)	2022.11.1-2023.10.31	93670Units/set	1.315kgce/Units/set
Vane pump Water ring vacuum pump (produced by Factory 5)	2022.11.1-2023.10.31	14391Units/set	19.3689kgce/Units/set
Vane pump (Produced by Factory Six)	2022.11.1-2023.10.31	92807Units/set	2.4811kgce/Units/set
Vane pump Water ring vacuum pump (produced by Factory 7)	2022.11.1-2023.10.31	259Units/set	983.2390kgce/Units/set

China Quality Mark

(The attachment should be used jointly with the main certificate)

Issued on: 2023-12-26
Expires on: 2026-12-25

签发人：

中国认可
管理体系
MANAGEMENT SYSTEM
CNAS C002-M

Member of IQNET

方圆标志认证集团
China Quality Mark Certification Group

北京市海淀区增光路33号 ✆ 010-88411888 http://www.cqm.com.cn
Address: No.33, Zengguang Road, Haidian District, Beijing, P.R. China

AB 0000181

IQNET

Building trust together.

Certificate

CQM has issued an IQNET recognized certificate that the organization:

SHANGHAI KAIQUAN PUMP (GROUP) CO., LTD

Certification Add.:No.4255, No.4287, Cao'an Road, Jiading District, Shanghai, P.R.China

for the following scope:

Energy management activities related to the research and development and manufacturing of blade pumps, water ring vacuum pumps, and complete sets of water supply equipment for firefighting, industrial, and domestic use

Information of energy performance and boundaries refer to the attachment

has implemented and maintains a

Energy Management System

which fulfils the requirements of the following standard:

ISO 50001:2018

Issued on:2023-12-26
Expires on: 2026-12-25

This attestation is directly linked to the IQNet Partner's original certificate and shall not be used as a stand-alone document

Registration Number: CN-00223EN1000R1M

Alex Stoichitoiu
President of IQNET

Ji XiaoDong
President of CQM

CQM
China Quality Mark

This attestation is directly linked to the IQNET Member's original certificate and shall not be used as a stand-alone document.

IQNET Members*:
AENOR Spain **AFNOR Certification** France **APCER** Portugal **CCC** Cyprus **CISQ** Italy **CQC** China **CQM** China **CQS** Czech Republic **Cro Cert** Croatia **DQS Holding GmbH** Germany **EAGLE Certification Group** USA **FCAV** Brazil **FONDONORMA** Venezuela **ICONTEC** Colombia **ICS** Bosnia and Herzegovina **Inspecta Sertifiointi Oy** Finland **INTECO** Costa Rica **IRAM** Argentina **JQA** Japan **KFQ** Korea **LSQA** Uruguay **MIRTEC** Greece **MSZT** Hungary **Nemko AS** Norway **NSAI** Ireland **NYCE-SIGE** México **PCBC** Poland **Quality Austria** Austria **SII** Israel **SIQ** Slovenia **SIRIM QAS International** Malaysia **SQS** Switzerland **SRAC** Romania **TSE** Türkiye **YUQS** Serbia

* The list of IQNET Members is valid at the time of issue of this certificate. Updated information is available under www.iqnet-certification.com

IQNET

Building trust together.

Certificate

CQM has issued an IQNET recognized certificate that the organization:

Annex (1) to IQNet Certificate Number CN-00223EN1000R1M

Products or services	Reporting Period	Output/ Output value in the reporting period	Comprehensive energy consumption for unit output of product/for unit output value
Complete set of water supply equipment for fire protection,industrial and domestic use (produced by the fourth bracnh)	2022.11.1-2023.10.31	93670Units/set	1.315kgce/ Units/set
Vane pump Water ring vacuum pump (produced by Factory 5)	2022.11.1-2023.10.31	14391Units/set	19.3689kgce/Units/set
Vane pump (Produced by Factory Six)	2022.11.1-2023.10.31	92807Units/set	2.4811kgce/Units/set
Vane pump Water ring vacuum pump (produced by Factory 7)	2022.11.1-2023.10.31	259Units/set	983.2390kgce/Units/set

(This annex is effective only using with home page)

Issued on: 2023-12-26
Expires on: 2026-12-25

This attestation is directly linked to the IQNet Partner's original certificate and shall not be used as a stand-alone document

Alex Stoichitoiu
President of IQNET

Ji XiaoDong
President of CQM

CQM China Quality Mark

This attestation is directly linked to the IQNET Member's original certificate and shall not be used as a stand-alone document.

IQNET Members*:
AENOR Spain **AFNOR Certification** France **APCER** Portugal **CCC** Cyprus **CISQ** Italy **CQC** China **CQM** China **CQS** Czech Republic **Cro Cert** Croatia **DQS Holding GmbH** Germany **EAGLE Certification Group** USA **FCAV** Brazil **FONDONORMA** Venezuela **ICONTEC** Colombia **ICS** Bosnia and Herzegovina **Inspecta Sertifiointi Oy** Finland **INTECO** Costa Rica **IRAM** Argentina **JQA** Japan **KFQ** Korea **LSQA** Uruguay **MIRTEC** Greece **MSZT** Hungary **Nemko AS** Norway **NSAI** Ireland **NYCE-SIGE** México **PCBC** Poland **Quality Austria** Austria **SII** Israel **SIQ** Slovenia **SIRIM QAS International** Malaysia **SQS** Switzerland **SRAC** Romania **TSE** Türkiye **YUQS** Serbia

* The list of IQNET Members is valid at the time of issue of this certificate. Updated information is available under www.iqnet-certification.com

Information Technology Service Management System Certificate

Certificate No.: 0532025ITSM00061R1N

we hereby certify that

Shanghai Kaiquan Pump (Group) Co., Ltd.

Registered/Business/Office Address: No.4255,no.4287,Cao'an Road,Jiading District, Shanghai （201800）

Information Technology Service Management System complies with Standard requirement

ISO/IEC 20000-1:2018

The certificate is valid for the following scope:

Information technology management activities involved in the delivery of operations and maintenance services for smart water systems and HVAC applications to external customers

Certificate Date:	06-06-2025
Certificate Valid Date:	06-06-2025~05-06-2028
Date of initial Certification:	06-06-2022
Unified Social Credit Code of the Certified Organization:	91310000630452482T

The validity of this certificate is maintained through regular supervision;
The status of the certificate can be inquired by scanning the QR code,
or it can be found on the official website of the Certification and Accreditation Administration of the P.R.C(www.cnca.gov.cn).

中国认可
管理体系
MANAGEMENT SYSTEM
CNAS C053-M

Zhaotong

北京恩格威认证中心有限公司
1101050546810

Beijing NGV Certification Center Co.,Ltd.

Address: Unit 1101,Unit 2,10/F,Block 2-1,No. 82,East 4th Ring Middle Road,Chaoyang District,Beijing.
Tel: 010-87531300 P.C.:100124 Website: http://www.ngv.org.cn

CASES PROJECT



Chashima Nuclear Power Station in Pakistan, C3, C4 units



Hinkley Point Nuclear Power Station, UK



Fuqing Nuclear Power Station



China Datang Corporation



Beihai Power Plant



Fangchenggang Nuclear Power Station



Tianwan Nuclear Power Station



Karachi Nuclear Power Station, Pakistan



State Grid



Taishan Nuclear Power Station



Shandong Weiqiao Group



hina Huadian Engineering Co., Ltd.



Tongzhou Water Plant Pump Station, Beijing



Mingshan Pump Station, Yiyang, Hunan



Zhengzhou Zhongyuan West Road Pump Station of The South–North Water Transfer Project



Anyang Western Water Transfer Project of South–North Water Transfer Project



South–North Water Transfer Project



Wuhu Longwo Lake Pump Station



Beijing Xingshikou Pump Station



Tianjin Beitang Pump Station



Tianjin Xi River Pump Station



Beijing Yuquan Mountain Pump Station of the East–West Water Transfer Project



Tianjin Jinzhong River Pump Station



Caozhuang Pump Station of the South–North Water Transfer Project

CASES PROJECT



Beijing Daxing International Airport



Suzhou CBD of Jinnanhu Lake



Hefei Shangri-La Hotel



Shanghai Maglev



Beijing International Trade Phase III



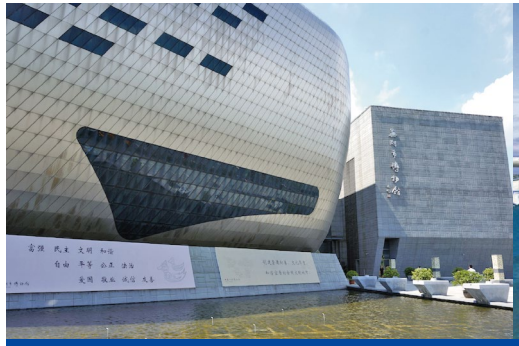
Jiuquan Satellite Launch Center



Changsha Art Center



Sheraton Hotel



Wuhu Museum



Shanghai Pudong International Airport

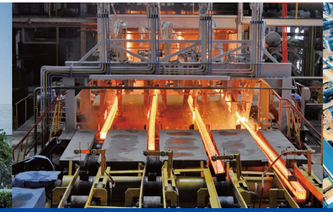


Fire-fighting and air-conditioning water supply equipment for stations along the high-speed railway



Rail traffic


Hangzhou Water Treatment Technology Research Center


Tangsteel


SD Steel . Rizhao Co., Ltd.


Hebei Steel



Jiangsu Hualing Tin Steel Special Steel Co., Ltd.


Shenhua Ningxia Coal Industry Group Co., Ltd.


Petrochina Natural Gas Co., Ltd.


Shendong Coal Group


Sewage Treatment Plant


China Gold Group


Ansteel


Shanxi Jingang Group Co., Ltd.


Shanxi Lingzhi Energy Investment Group


Hengli Petrochemical


Sinopec


Shaanxi Shaanxi Coking Chemical Co., Ltd.



China Southern Airlines



Beijing Xinyuan Guoneng Technology Co., Ltd.


Wuhan Steel


Sinosteel Equipment Co., Ltd.


Huaibei Mining Group


HuangIsland Oil Depot


Yunnan Yuntianhua Co., Ltd.


Zhejiang Petrochemical

Limited space, showing only part of the model projects

Industrial and mining applications

Sinopec	MP91 vacuum pump of boron recovery system of Sanmen Nuclear Power Plant Unit 2	MP91 vacuum pump of boron recovery system of Haiyang Nuclear Power Station Unit 2	Liaoning Aoke Chemicals Co., Ltd.	Wuhan Urban Environmental Engineering Technology Co., Ltd.	The No.2 Water Conservancy project in Henan Province	Shenzhen Bao'an Daqianli Residence
Wuhan Steel (Corporation) Co., Ltd.	Hami Runda Glencore Power Generation Co., Ltd.	Anyang Steel Co., Ltd	Anhui Dingyuan Salt Chemicals	Hechi Wangneng Environmental Protection Energy Co., Ltd.	Zhangjiagang Chang Yun Mechanical & Electrical Supplies Co., Ltd.	Co-management and co-construction project of Heze Water Supply Co., Ltd.
Ansteel New Steel Co., Ltd.	Pori Shearer Power Plant	Pucheng (Zaozhuang) Cement Co., LTD	Shanghai Dongshuo Environmental Technology Co., Ltd.	Suzhou Ketai Environmental Technology Co., Ltd.	Hunan No.3 Engineering Co., Ltd.	Project of Fuzhou City Minqing Jinjiang Haiyue intelligent safety standard pump house
SD Steel . Rizhao Co., Ltd.	Xinjiang Tianlong Mining Co., Ltd.	Sijing Desalination Plant of Zaozhuang Cement Co., Ltd.	Tangshan Zhonghao Chemicals Co., Ltd.	Jiangsu Hongqi Printing & Dyeing Machinery Co., Ltd.	Fujian Shuidi Technology Co., Ltd.	Anshun Water Supply Corporation
Guizhou Xingyi Power Development Co., Ltd.	Xinyang Gas Power Plant	Shijiazhuang Xiling Heating Co., Ltd.	PT jebsen and jessenTechnology Ind	Huzhou Green Technology Co., Ltd.	Garden Road water supply pipeline project of Shishi City	Jiangxi Lushan Runquan Water Supply Co., Ltd.
100MW photothermal power generation project of Qiketai Town, Shanshan County, Xinjiang	Anda Xingda Chemical	EGAT	Xinjiang Henglian Wucaiwan Power Plant	Zhidan Jieneng high-tech petroleum technology services	Pressurization project of Weining County water supply consolidation and upgrading project	**Municipal water**
The100MW solar thermal electric generator cold salt pump project of Dunhuang Shouhang	Zhejiang Zhihai Chemical Equipment Co., Ltd.	Haicheng Huifeng Biomass Power Generation Co., Ltd.	Xiajiang County Dongxin Industrial Development Co., Ltd.	Hebei Luhong Environmental Protection Technology Co., Ltd.	Zhumadian Heliwang Regulation & Storage Pump Station	Phase I Project of Songshan Lake Water Plant of Dongguan Water Affairs Group
First-stage double-suction multi-stage pump in seawater desalination project	Guangxi Yulin Lieran Chemicals Co., Ltd.	Dongfang Electric East Steam Turbine Co., Ltd.	Xinjiang Tianfu Thermal Power Co., Ltd.	Shandong Shouguang Jian Yuan Chun Chemicals Co., Ltd.	Project of Yancheng City Funing Bo Yue Fu	Huai'an No.2 Pump Station of The South–North Water Transfer Project — 4500ZLQ60-4.89
Jiangsu Huadian	Shandong Shouguang Jian Yuan Chun Chemicals Co., Ltd.	Shanghai Environmental Engineering Design and Research Institute Co., Ltd.	Oil transporting pump of Sino-Kazakhstan Oil Pipeline	Jilin Huatian Environmental Protection Group Co., Ltd.	Project of co-management and co-construction of Liaocheng Shuixing Municipal Water Company	Jiaxi two-stage pump station project of the Yellow River Diversion project
China Metallurgical Southern Engineering Technology Co., Ltd.	Beijing Trimer Green Energy Technology Co., Ltd.	Aofu Energy Co., Ltd.	Jiangsu Lianyungang Soda Plant	Shanxi Anlun Chemicals Co., Ltd.	Project of Sanming Kaiyuan Baodi intelligent safety standard pump station	Rudila three-stage pump station pump of Yunnan water conservancy and hydropower
China Construction Installation Group Co., Ltd.	Hebei Meitete Chemicals Co., Ltd.	Zibo Qixiang Tenda Chemical Co.,Ltd.	Western Thermoelectric	Suez Environmental Technology (Qinzhou) Co., Ltd.	Jiangsu Zhongsheng High-tech Industry Co., Ltd.	Liao River main stream flood control upgrading project in Liaoning Province
Shanghai Meishan Steel Co., Ltd.	Henan Tianfu Shiji New Material Technology Co., Ltd.	Shouhang Hi-tech Energy Technology Co., Ltd.	Cayman Aluminum (Sanmenxia) Co., Ltd.	Knox (Shanghai) Trading Co., Ltd.	Xiangyang Zhonghuan Water Affairs Co., Ltd.	Yiyang Mingshan Power Station - 2800ZLQ25-6.6
Dongguan Yunxun Container Transportation Co., Ltd.	Wudi Xinyue Chemicals Co., Ltd.	Chinalco International Engineering Co., Ltd.	Hebei Luda Energy-saving Technology	Green Solid Waste Disposal (Huangshi) Co., Ltd.	Anhui Runpeng Construction Engineering Co., Ltd.	No.2 and No.3 water plants of Shenyang Water Affairs Group Co., Ltd.
Dongguan Yixin Ocean Shipping Co., Ltd.	Hanle Fluid Technology (Shanghai) Co., Ltd.	Shanghai Kaisheng Energy-saving Engineering Technology Co., Ltd.	Jinan Steel Group Corp.	**Architectural applications**	Hebi Haiyang Municipal Engineering Co., Ltd.	Anhui Huaihe River Diversion Irrigation Project (Dabie Mountain)
Shagang Group Jiangsu Huaigang Special Steel Co., Ltd.	Coal-fired power plant in Riau Province, Indonesia	Sichuan Zhongxin Huacheng Chemical Technology Co., Ltd.	Echeng Steel of Wuhan Steel Group	Beijing Speed Skating Hall, home field of the Winter Olympics	Water supply for Xiamen Yiju Hotel	Baigou Pump Station, Linquan County, Fuyang, Anhui
Magang Steel Co., Ltd.	Indonesia Beijia Electrolytic aluminium project	Xu Chang Wang Neng Environmental Energy Co., Ltd.	Branch of Sinopec Zhenhai Refining Chemicals	Expo China Pavilion at Expo 2010-International Pavilion	Hainan Huarui Sihai Industry Co., Ltd.	Shantou Nanfeng Pump Station -2200ZLB16-5.2
Shaanxi Shenmu Chemical Industry Co., Ltd.	Sand pump of Dongguan Kaihang Shipping Co., Ltd.	Shandong Huizhong Environmental Protection Engineering Co., Ltd.	Shandong Weifang Coking Group	Shenzhen National Exhibition Center	Project of Lianyungang Xue Yuan Fu	Longwo Lake Pump Station - 2200ZLB17.5-4.7
Zhangdian General Iron and Steel Plant	Fujian Longyan Power Plant	Panzhihua Taizhou Wangneng Environment Protection	Qian'an City Jiujiang Coal Storage & Transportation Co., Ltd.	Phase III expansion project of Lanzhou Zhongchuan International Airport - GTC	Agriculture & drinking water project, Gangcheng District, Jinan City	Dateng Canyon Qixing River Pump Station-1600ZLB8-2.35
Jilin Petrochemical Co., Ltd.	Dongguan Hung Fu Transportation Co., Ltd.	Zibo hazardous waste disposal of Everbright Environmental Protection	Huizhou Lieran Chemical Co., Ltd.	Beijing International Culture Silicon Valley	Cheungqing Centre Pump Station - regional pressurization pump house	Yangqi Pump Station-1600ZLQ(S)8.3-4.5
Jiangxi Saiwei LDK Photovoltaic Silicon Technology Co., Ltd.	Dongguan Yunxun Container Transportation Co., Ltd.	Wuxi Masheng Environmental Energy Technology Co., Ltd.	The EPC project of the Kendari III coal-fired power plant in Indonesia	Zhongyuan Tower (Zhongyuan Tower)	Co-management and co-construction project of Jinan City Water Affairs Group	Indonesia -- Sulawesi Circulating Pump Station -1400HD-24SZ
Xinjiang Daqo New Energy Co.,Ltd.	Shanxi Shenmu Tengyuan Coal Chemical Industry Co., Ltd.	Flue gas desulfurization project of Nanjian Power Plant	East Sugar Group	Zhengzhou Twin Towers	Hebei Huapeng Construction & Installation Engineering Co., Ltd.	Vietnam Wan'an Pump Station

Phase II project of Dongguan Changping West Sewage Treatment Plant	Project of Zhengzhou Zhongyuan West Road Pump Station of the the South-to-north Water Diversion Project	Zhangzhou Units 1&2 — equipment cooling water pump
Xintankou Pump Station-2800ZLQ22-7.5	Project of Lianyungang Ganyuta Mountain Pump Station	Changjiang Units 3&4 — residual heat removal pump
Tonghuwei Pump Station (horizontal)-1800ZWB12.5-2.5	Zhongshan Water Supply & Intake Pump Station, Guangzhou	Changjiang Units 3&4 — equipment cooling water pump
Yongxinghe Pump Station-2000ZLQ17.5-4.7	Zuncun Village First-stage Pump Station-1600ZLQ7-8.9	Tianwan Units 7&8— high & low pressure injection pump / equipment cooling water pump / spray pump
Jihongtan Pump Station -1600HD(Q)-10	Energy-saving renovation of Jiading District Water Plant	Tianwan Units 7&8—chemical reagent pump / diesel generator cooling water pump
Zhoushan Chashan Pump Station-1600ZLB6.67-2.2	Energy-saving renovation of Pingdingshan Water Plant	Xudabo Units 3&4—chemical reagent pump / diesel generator cooling water pump
Dongying water supply project	Energy-saving renovation of Anting Water Plant	Xudabu Units 3&4— high & low pressure safety injection pump / equipment cooling water pump/spray pump
Yueyang's No.1 Water Supply Plant	Zhongshan Water Supply & Intake Pump Station	Ningde Units 5&6— LOT134Aa containment heat export pump
Hubei Jinhuan Joint-stock Water Plant	Yinchuan Helan Mountain Water Plant	Fangchenggang Units 3&4— LOT134Bc medium pressure safety pump
Wenzhou City Hangkoutang Water Plant	**Major products**	Sanao Units 1&2—134D cooling water pump
Qidong City Water Plant	Tianwan Units 3&4—chemical reagent pump / diesel generator cooling water pump	LOT42E condenser vacuum of Taipingling project Units 1& 2 of CGN Engineering Co., Ltd.
Xindu Dafeng Water Plant	Pakistan C3C4—high pressure injection pump	Lianjiang Units 1&2 — MPO8 residual heat removal pump
Ershibu River Sewage Interception Pump Station	Pakistan K2K3—residual heat removal pump	Ningde Units 5&6 — equipment cooling water pump
Shishou Zhoujiafu Water Plant	Pakistan K3 — medium pressure safety injection pump	Zhangzhou Units 3&4 — medium pressure injection pump
Yinchuan Helan Mountain Water Plant	Fuqing Units 5&6 — equipment cooling water pump	Zhangzhou Unit 3&4 — important plant service pump
Zhengzhou Water Plant	National nuclear demonstration project — MPO8 normal residual heat removal pump	Zhangzhou Units 34 — residual heat removal pump
Lianyungang Linhong West Pump Station—3100ZLB30-2.93	TMSR, Chinese Academy of Sciences—fuel salt circulating pump	Fangchenggang Units 5&6—equipment cooling water pump
Xiajiang County Tongjiang Pump Station—2400HLQ17.5-7.2	Zhangzhou Units 3&4—equipment cooling water pump	Shidaowan Unit SK12—equipment cooling water pump
West Lake Pump Station (oblique)—1700zxb11.7-4.16	Fangchenggang Units 3&4—medium pressure safety injection pump	Lufeng Units 5&6—134D equipment cooling water pump
Jinzhong River Pump Station—1600zlb9-4	Lufeng 12 project — MPO8 residual heat removal pump	Lufeng Units 5&6—LOT134C important plant service pump
Lift irrigation project of Ningxia Water Conservancy Department - Guhai Pump Station	Nuclear power conventional island cycle primary pump — 3000HD-12.5SZ	Sanao Unit 12 — LOT134C important plant service pump

Limited space, showing only part of the model projects

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