

- ◆ ISO9001:2008质量管理体系认证企业
- ◆ ISO14000国际环境管理体系认证企业
- ◆ 国家两化融合试点企业
- ◆ 知识产权管理体系认证企业
- ◆ 广东省高新技术企业
- ◆ ISO9001:2008 Quality Management System Certification Enterprise
- ◆ ISO14000 International Environmental Management System Certification Enterprises
- ◆ National Information And Industrialization Integration Pilot Enterprise
- ◆ Intellectual Property Management System Certification Enterprise
- ◆ High And New Technology Enterprises In Guangdong



产品概览

Product overview



WWW.LEIZIG.COM 400-838-1990

中国·广州·白云·人和·雷子克工业园
Leizig Industrial Zone.Renhe.Baiyu.Guangzhou.China

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WWW.LEIZIG.COM

定位 PROPOSITION

LEIZIG作为技术创新的行业领导者，致力于在热管理和热电领域实现更加可持续的绿色未来。我们整合工程专业知识和数字技术来优化产品制造、数字化和运营。为客户提供更多定制化解决方案。凭借30多年的经验，LEIZIG的工程师致力于推动以客户为中心的创新，以实现人、机器和环境之间的和谐。

LEIZIG, as an industry leader in technology innovation, is dedicated to achieving a more sustainable green future in the thermal management and thermoelectricity fields.

We integrate engineering expertise and digital technology to optimize product manufacturing, digitalization, and operations. Offering more customized solutions to our customers.

With over 30 years of experience, LEIZIG's engineers are committed to driving customer-centric innovation to achieve harmony among people, machines, and the environment.

历史 HISTORY

雷子克于1990年在澳大利亚创立，工程师匠心和创新推动我们取得了今天的成就。2003年，我们的第一款超薄机柜环境控制单元下线，历经无冷凝水，无焊点，无螺钉安装的六代产品的升级，迎合了汽车、饮料、电力行业特点的定制产品，它稳定的质量被业界公认，我们特立独行开发的压缩空气无电防爆屏柜制冷器，环氧树脂涂层的高效气气热交换器，顶装风扇一体灯，半导体除湿机技术引领了行业的全新应用。此后，我们持续创新，并掌握了行业前沿的核心技术发明了半导体热发电材料，实现热的高品位的回收利用，实现更加可持续的绿色未来。

严格履行环保责任是我们实现全球拓展的保障。30年来，我们拓展组织服务全球业务，总部及研发中心设立在美国，生产基地设于中国广州，并在美国洛杉矶、加拿大温哥华、马来西亚吉隆坡、智利圣地亚哥、印度尼西亚雅加达、澳大利亚悉尼、中国上海等多个国家和地区设有分公司或办事处。

我们致力于服务于工业电子技术领域内有影响力的组织，他们优先考虑对环境负责的实践、创新和长期可靠性，他们中有23家来自世界500强企业。

Founded in Australia in 1990, engineer ingenuity and innovation have driven us to where we are today.

In 2003, our first ultra-thin cabinet environmental control unit was launched. Through six generations of product upgrades characterized by no condensation, no solder points, and screwless installation, tailored to the specific needs of industries such as automotive, beverages, and power. Its stable quality earned industry recognition. We pioneered the development of a compressor air-cooled explosion-proof cabinet refrigeration unit, an efficient epoxy resin-coated air-to-air heat exchanger, a top-mounted fan integrated light, and semiconductor dehumidifier technology that led to entirely new industry applications. Subsequently, we continued to innovate and mastered core technology at the industry's forefront, inventing semiconductor thermoelectric materials, achieving high-grade heat recovery, and realizing a more sustainable green future.

Strict adherence to environmental responsibilities has been our guarantee for global expansion. Over the past 30 years, we have expanded our organization to serve a global clientele, with our headquarters and research center located in the United States. Our manufacturing base is situated in Guangzhou, China, and we have established branch offices or representatives in various countries and regions, including Los Angeles and Vancouver in the United States, Kuala Lumpur in Malaysia, Santiago in Chile, Jakarta in Indonesia, Sydney in Australia, and Shanghai in China.

We are committed to serving influential organizations in the field of industrial electronics technology that prioritize environmentally responsible practices, innovation and long-term reliability, including 23 from the world's top 500 companies.

产品类别 Product Category



机舱环境控制
Cabin environmental control

LeizigHEX工业机械有限公司致力研发节能环保的HEX交叉型、逆流型热交换器核心，为工业、商业、新能源等领域提供了高效的优质的热利用产品。

LeizigHEX industrial machinery co., LTD, is committed to research and development of energy conservation and environmental protection HEX cross type, Counter flow type heat exchanger core, for the industrial, commercial, new energy and other fields to provide the highThe effect of the heat utilization of quality products.



机柜环境控制
Environmental control cabinet

LeizigETM电气机械有限公司始终专注于工业机柜的通风、制冷、除湿、热交换、加热、照明和机柜环境监控系统，已成为机柜环境控制的领先制造商。

LeizigETM electrical machinery co., LTD always focus on industry enclosure ventilation, refrigeration, dehumidification, heat, heating, lighting, and cabinet environment monitoring system, has become a leading manufacturer of environmental control cabinet.



微空间环境控制
Tiny space environment control

LeizigTE热电工程技术有限公司拥有低温领域热电领先技术，公司以“低温领域高效率的热发电利用”为产品研发宗旨

LeizigTE thermoelectric engineering technology co., LTD has low temperature field leading technology, The company take the high efficient heat transfer low temperature fields in use" for the purpose of the product research and development





我们的使命，愿景 MISSION AND VISION

使命 MISSION

我们致力于持续的工程技术创新，实现人、机器和环境的自然和谐。

We are committed to continuously innovating new technology to achieve natural harmony among people, machines and the environment.

愿景 VISION

致力于成为受尊重的持续创新企业和组织-

- 客户尊重：因为创新带来了效率的显著提升、产品性能持久和可持续性发展；
- 行业尊重：持续推动行业的发展和变革，为行业持续带来创新；
- 员工尊重：一个汇集全球工程师智慧，鼓励创新，奖励创新，是全球工程师发挥创造力的最好地方；
- 社会尊重：坚持对环境的零影响，坚持绿色技术的发展；
- Committed to becoming a respected and continuously innovative enterprise and organization
- Customer respect: because innovation brings significant improvements in efficiency, long-lasting product performance and sustainable development;
- Industry respect: continue to promote the development and change of the industry and continue to bring innovation to the industry;
- Employee respect: This is a place that brings together the wisdom of engineers from around the world, encourages and rewards innovation, and is the best place for engineers around the world to unleash their creativity;
- Social respect: adhere to zero impact on the environment and adhere to the development of green technology;

核心价值 CORE VALUE

持续创新带来...

Continuous innovation brings...

- 产品价值：创新带来性能持久、效率显著提升
- 经营价值：创新实现可持续发展
- 行业价值：创新推动行业不断创新和变革
- 环境价值：创新技术带来对环境的零影响
- Product value: Innovation brings lasting performance and significant improvement in efficiency
- Business value: innovation to achieve sustainable development
- Industry value: Innovation promotes continuous innovation and change in the industry
- Environmental value: innovative technologies bring zero impact to the environment

我们的核心价值观

Our core values

客户第一 Customer Obsessions

凭借超过三十年的专业实践，我们的热管理品牌已经在行业内确立了以客户为中心的标杆地位。我们的征程始于1990年，始终秉持着对创新和可持续性的坚定承诺。自那时以来，我们不懈追求客户至上的策略，与我们的核心价值观相契合。我们的策略围绕着理解、预测和超越客户不断变化的需求展开。通过深入与我们的客户建立联系，我们获得了关于他们的痛点、愿望和期望的宝贵见解。这些知识已经成为我们持续改进计划的基石，引导我们开发先进的解决方案，与自然世界无缝协调。我们认识到客户忠诚是通过卓越的体验赢得的，我们致力于培养建立在信任、创新和不懈追求客户满意度基础上的持久关系。

With more than three decades of professional practice, our thermal management brand has established itself as a benchmark in the industry for customer focus. Our journey began in 1990 with a strong commitment to innovation and sustainability. Since then, we have relentlessly pursued a customer-first strategy that aligns with our core values. Our strategy revolves around understanding, anticipating and exceeding our customers' evolving needs. By deeply connecting with our customers, we gain valuable insights into their pain points, wants and expectations. This knowledge has become the cornerstone of our continuous improvement program, guiding us to develop advanced solutions that harmonize seamlessly with the natural world. We recognize that customer loyalty is earned through exceptional experiences, and we are committed to fostering lasting relationships built on trust, innovation, and the relentless pursuit of customer satisfaction.

持续创新 Continuously Innovation

我们一直以持续创新为核心，作为我们身份的基石。我们的旅程始于1990年，以我们对珍视客户面临的现实挑战的坚定承诺为特征。我们的创新方法植根于工程师的专业知识和前沿数字技术的融合，使我们能够创造既在技术上坚实又在数字上领先的解决方案。这种独特的专业知识和数字技术融合使我们能够精确满足客户的需求和愿望。通过严格的研究，我们使自己的使命成为解决客户在热管理方面遇到的最紧迫问题。我们的历史证明了我们将客户反馈和见解转化为切实的、具有前瞻性的解决方案的能力。这一以客户为导向的创新策略，结合了工程师的专业知识和数字技术的力量，不仅使我们能够保持技术的前沿地位，还巩固了我们作为行业领袖的地位，致力于创造能够在客户生活中产生有意义差异的产品。

Continuous innovation has always been at the core of who we are, as a cornerstone of our identity. Our journey, which began in 1990, has been characterized by a strong commitment to valuing the real-world challenges faced by our clients. Our approach to innovation is rooted in a fusion of engineers' expertise and cutting-edge digital technology, enabling us to create solutions that are both technically solid and digitally advanced. This unique blend of expertise and digital technology enables us to precisely meet the needs and desires of our customers. Through rigorous research and development, we have made it our mission to solve our customers' most pressing problems in thermal management. Our history demonstrates our ability to translate customer feedback and insights into tangible, forward-thinking solutions. This customer-driven innovation strategy, combining the expertise of our engineers with the power of digital technology, not only allows us to remain at the forefront of technology, but also solidifies our position as an industry leader dedicated to creating products that make a meaningful difference in our customers' lives.

可持续发展 Sustainable development

我们始终将可持续发展视为我们征程中的推动力。自1990年成立以来，我们开始了一条与可持续发展的原则相一致的道路，使我们的愿景和价值观与之相契合。我们对可持续性的承诺不仅适用于我们自身组织，还包括了我们的客户。我们认识到，真正的可持续发展是在我们为自己和客户创造价值时实现的。我们的战略重点是提供更高的效率、降低成本、提升服务，同时对环境没有任何负面影响。这一战略的核心是我们对生产高质量、寿命更长的产品的承诺，确保可持续性的好处是持久的。当我们回顾我们的历程时，我们看到了可持续创新和发展的遗产，这不仅有益于我们的品牌，也与我们的客户产生共鸣，使他们能够拥抱一个未来，其中效率、成本效益和环境保护无缝结合在一起。

We have always viewed sustainable development as a driving force in our journey. Since our founding in 1990, we have embarked on a path that aligns our vision and values with the principles of sustainable growth. Our commitment to sustainability applies not only to our own organization, but also to our customers. We recognize that true sustainability is achieved when we create value for ourselves and our customers. Our strategy focuses on delivering greater efficiencies, lowering costs, and enhancing services with no negative impact on the environment. At the heart of this strategy is our commitment to producing high quality, longer-lasting products, ensuring that the benefits of sustainability are lasting. When we look back on our journey, we see a legacy of sustainable innovation and development that not only benefits our brand, but also resonates with our customers, enabling them to embrace a future where efficiency, cost-effectiveness and environmental protection are seamlessly integrated.

以人为本 People Oriented

我们始终坚守以人为本的理念。自1990年成立以来，我们就深知我们的工程师及其与数字创新完美融合的无与伦比的知识，在取悦我们尊贵的客户中的根本重要性。我们的征程一直受到对人的深刻承诺的塑造，将他们视为我们创新的核心。我们提供一个培养他们的才能和专业知识的蓬勃发展的环境，不仅造福了我们的品牌，也丰富了他们自己的职业生涯。秉承对工作与生活平衡的深刻尊重，我们努力确保我们的团队成员能够体验到生活和工作的和谐融合。我们坚信培养一个愉快的工作场所，其中公司发展的回报为所有人所共享和享受。我们的员工是我们最宝贵的财富，而我们的以人为本的策略则是我们对他们福祉和职业发展的坚定承诺的明证。

We have always been committed to a people-centered approach. Since our founding in 1990, we have understood the fundamental importance of our engineers and their unparalleled knowledge, seamlessly blended with digital innovation, in delighting our valued customers. Our journey has been shaped by a deep commitment to people as the core of our innovation. We provide an environment that nurtures their talents and expertise to flourish, not only benefiting our brands, but also enriching their own careers. With a deep respect for work-life balance, we strive to ensure that our team members experience a harmonious blend of life and work. We believe in fostering an enjoyable workplace where the rewards of company growth are shared and enjoyed by all. Our people are our most valuable asset and our people-centered strategy is evidence of our strong commitment to their well-being and career development.

品牌故事 BRAND STORY



雷子克：在热管理和可持续创新中谱写和谐 LEIZIG: Orchestrating Harmony in Thermal Mastery and Sustainable Innovation



在技术进步的宏伟交响曲中，雷子克谱写出精密、进步和环保的和谐融合。雷子克于1990年诞生在澳大利亚风景如画的土地上，她的创立源自一个愿景，这个愿景不仅重新定义了热管理，还协调了人、机器和环境之间错综复杂的互动。

In the grand orchestra of technological progress, LEIZIG emerges as the conductor, orchestrating a harmonious blend of precision, progress, and environmental stewardship. Born amidst the picturesque landscapes of Australia in 1990, LEIZIG was founded on a vision that would not only redefine thermal management but also harmonize the intricate interplay of people, machines, and the environment.

工程卓越和不懈创新 Engineering Mastery and Unceasing Innovation

从诞生之初，雷子克就是工程卓越的代名词。她的创始人不仅仅是企业家，更是追求技术进步的工程师，他们饱含对技术发展的无尽渴望。雷子克的工程师们以对精确的坚定承诺，是热管理革命的缔造者。

在早期，雷子克开始了一项大胆的任务，勇敢地直面行业挑战。在一个关键的年份，2003，他们揭开了他们的第一个创造——重新定义了稳定性的产品，迅速使雷子克第一款超薄机柜环境控制单元在行业中崭露头角。然而，这仅仅是创新的序曲，后面还有更多的创新交响曲。

From its inception, LEIZIG was a crucible of engineering excellence. Its founders were not just entrepreneurs but visionaries, driven by an insatiable thirst for technological advancement. The engineers at LEIZIG, marked by an unwavering commitment to precision, were the architects of a thermal revolution.

In its early years, LEIZIG embarked on a bold mission to confront industry challenges head-on. In a pivotal year, 2003, they unveiled their maiden creation - a product that redefined stability and rapidly propelled, our first ultra-thin cabinet environmental control unit to industry prominence. Yet, this was just the overture to an opus of innovation.



可持续解决方案的追求 The Pursuit of Sustainable Solutions

雷子克的旅程不仅仅是追求进步，更是不懈追求可持续创新。随着年月的推移，雷子克领先开创了一系列的发明，与一个渴望绿色、可持续能源解决方案的世界产生共鸣。这些创新不仅仅是产品，更是保护环境的承诺。

三十多年来，雷子克不断进行研究和开发，已经成为了热稳定性的代名词，它是电池性能和寿命的关键。在正确应用下，他们的创新减轻了电池的退化和损害，同时最小化了停机时间。



LEIZIG's journey was not a quest for progress alone; it was a relentless pursuit of sustainable innovation. As the years unfolded, LEIZIG pioneered inventions that resonated with a world clamoring for green, sustainable energy solutions. These innovations were more than mere products; they were promises to safeguard the environment.

Over three decades of unceasing research and development, LEIZIG became synonymous with thermal stability - the linchpin for battery performance and longevity. When applied correctly, their innovations mitigated battery degradation and damage while minimizing downtime.

工程与数字的完美融合：统一的方法 Engineering Meets the Digital Frontier: A Unified Approach

雷子克的品牌精髓进一步凝聚在工程的卓越与数字技术的熟练融合中。他们的热管理解决方案，在数字技术的丰富基础上，形成了对行业挑战的全面回应。这种数字协同使客户能够优化制造流程，数字化运营，迎来了前所未有的效率时代。

LEIZIG's brand essence further crystallized in the seamless fusion of engineering prowess with digital acumen. Their thermal solutions, enhanced by digital technology, formed a holistic response to industry challenges. This digital synergy empowered customers to optimize manufacturing, digitalize operations, and usher in an era of unparalleled efficiency.



全球开拓，本地建设 Global Reach, Local Impact

致力于环保责任，雷子克踏上了全球扩张的旅程。三十多年来，他们的组织脚步扩展到全球各地，为世界各地的企业提供服务。国际总部坐落在美国，是引领创新的中心。全球领先的生产线设立在中国，保障稳定产品质量的基地。

在全球范围内，当地的分支机构和办事处如雨后春笋般涌现——从洛杉矶到温哥华，从吉隆坡到圣地亚哥，从雅加达到悉尼，从广州到上海——每个都是雷子克全球存在的象征。Committed to environmental responsibility, LEIZIG embarked on a journey of global expansion. Over three decades, their organizational footprint expanded to serve businesses around the world. The international headquarters, located in the United States, serves as the center of innovation. Our globally leading production lines are established in China, ensuring a stable product quality foundation.

Local branches and offices emerged across the globe - from Los Angeles to Vancouver, Kuala Lumpur to Santiago, Jakarta to Sydney, Guangzhou to Shanghai - each an emblem of LEIZIG's global presence.

赋予工程师力量，培养专业技能 Empowering Engineers, Cultivating Expertise

雷子克珍视的真理是，每一项创新的背后都有工程师和他们的专业技能。他们不仅仅是技术的建筑师；他们更是未来的筑造者。雷子克使命在于培养一个让这些才华蓬勃发展的环境。

工作与生活的平衡，欢快的工作氛围以及公司繁荣的公平分享成为雷子克品牌精神的基石。通过培养工程师，品牌发挥了创新的真正力量。LEIZIG's cherished the truth that behind every innovation stood engineers and their expertise. They weren't just architects of technology; they were architects of the future. LEIZIG made it their mission to nurture an environment where these talents could flourish.



Life-work balance, a jubilant work atmosphere, and a fair share in the company's prosperity became the cornerstones of LEIZIG's ethos. In nurturing its engineers, the brand harnessed the true power of innovation.

和谐：人、机器和环境 Harmonizing People, Machines, and the Environment

雷子克的旅程超越了技术；它是关于人、机器和环境的和谐共处及发展的。品牌对可持续创新的承诺与我们世界自然和谐的共鸣相契合。他们的解决方案确保人们茁壮成长，机器表现出色，环境倍受珍视。

LEIZIG's journey transcends technology; it's about harmonizing the triad of people, machines, and the environment. The brand's dedication to sustainable innovation resonates with the natural harmony of our world. Their solutions ensure that people thrive, machines perform optimally, and the environment is cherished.



雷子克：塑造明日的热和谐 LEIZIG: Shaping Tomorrow's Thermal Harmony.

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6大系列产品



**EC 制冷系列
(Enclosure climate control unit)**

- 更稳定、节能的外壳式气候控制单元。**
- 五高环境：适合高温、高粉尘、高振动、高磁场、高腐蚀性气体；
 - 低维护频率，纳米处理换热器；
 - 结构优化，避免外循环风路短路；
 - 性能优化，55摄氏度工况仍能持续提供有效制冷量

- A more stable, energy-saving enclosure climate control unit.**
- Five harsh environments: suitable for high temperature, dense dusts, large vibration, strong magnetic field and rather corrosive gas;
 - Low maintenance frequencies;
 - Optimized structure to avoid the air short-circuit in external circulation;
 - Optimal performance and effective cooling output is still available even at the temperature 55°C



**HEX 热交换系列
(Heat Exchanger)**

- 低噪音的高效率**
- 完全独立的内外空气循环，确保控制柜内空气洁净；
 - 结构简单可靠，不会因为过冷而结霜；五防功能：防雨、防雷、防虫、防盗、防辐射保障柜体安全性；
 - 自带通讯功能，特别适合户外柜使用；
 - 人性化安装选择：半内嵌安装（螺钉/无螺钉）或完全外挂安装

- Low noise, high efficiency**
- Complete isolation between internal and external circuits keeps clean the air inside the enclosure;
 - Simple and reliable structure, frosting is not formed in the overcooling environment;
 - Five protections: rainproof, lightning protection, antitheft, radiation protection to get the enclosure safe;
 - Built-in communication port for outdoor application;
 - Humanity selection of installation: semi-recessed mounting (bolts or boltless) or complete external mounting.



**DH 除湿系列
(Dehumidifier)**

- 智能除湿，畅享舒适**
- 采用半导体制冷，符合环保要求；
 - 合理的结构布局，实现体积最小化，节约柜内空间；
 - 噪音小，重量轻，使用寿命长，超高的性价比；
 - 塑料壳体，能适应防腐要求较高的工作环境；
 - 数字化的湿度控制系统，精确控制柜内湿度环境

- Intelligent dehumidification for a comfortable living space**
- Using semiconductor refrigeration, meet the requirements of environmental protection.
 - Reasonable structure layout, minimization of volume, saving electric cabinet space.
 - Small noise, light weight, long service life, super high cost performance
 - Plastic shell can adapt to the working environment with high requirement of anticorrosion.
 - Digital humidity control system to accurately control the humidity environment in the cabinet.



**EV 通风系列
(Enclosure Ventilation)**

- 简约而不简单**
- 超薄设计，美观大方，安装可以不用螺钉；
 - 采用全新ABS塑料，阻燃性能等级符合UL 94V0标准；
 - 无需额外的附件，IP54标准配置；
 - 侧面安装、顶装，内置适用于不同的场合

- Simple design, plug and play**
- Ultra-thin design, beautiful and generous, installation without screw.
 - With the new ABS plastic, the flame retardancy grade accords with the UL 94V0 standard.
 - No additional attachments, IP54 standard configuration.
 - Side installation, top installation, built-in for different occasions.



**RS 再冷却系统
(Recooling System)**

- 无需补水，冷无可冷**
- 特别适合极端恶劣环境，包括多尘、毛絮气体、腐蚀性气体、环境温度高于55摄氏度以上
 - 高效节能
 - 免维护，运行成本低

- No need for water replenishment, as cold as it can get**
- Especially suitable for extremely harsh environment, including dusty, Plush gas, corrosive gas, and ambient temperature above 55°C
 - Efficient and energy-saving
 - Maintenance free, low operating costs



**加热系列&温控系列&照明
(Heating series & Temperature control series & Lighting)**

- 配备温度控制和过热保护 具有精确的温度调节功能。**
- 外观新颖，结构紧凑，多方位，多方式安装；
 - 防止电气柜冷凝结霜，占有空间小，且能保持有效的加热；
 - 多种接线方式，可美观PTC和风机的单独控制；
 - 自带温控和过热保护功能，达到精确的温度控制；
 - 可选风控功能，实时监控风扇运行状态。
 - 用于对过滤风扇或加热器进行控制，有常闭，常开及双向触点形式；
 - 机械式双金属片和热膨胀两种方式设计，1~3°C的误差；
 - 湿度控制器维持湿度低于露点

- Equipped with temperature control and overheat protection functions for precise temperature regulation.**
- New appearance, compact structure, multi-aspect and multi-way installation.
 - Prevent the condensing and frosting of the electric cabinet. It has small space and can keep effective heating.
 - Multiple connection mode, the solo control of the PTC and the fan.
 - With the function of temperature control and overheating protection to achieve accurate temperature control.
 - Optional wind control function to monitor fan running in real time.
 - Used for control of a filter fan or heater. Often closed, often open and two-way contact form.
 - Two methods of mechanical bimetallic and thermal expansion, 1~3°C error.
 - Humidity controller maintains humidity below dew point.

WORLDWIDE

雷子克声誉遍布全球

致力为全球带来绿色的机柜环境整体解决方案

Complete enclosure environment solutions without costing the earth

专注于环境控制领域的研发

Focus on the R&D of electrical enclosure climate control field



创新一直是雷子克的企业文化，层出不穷的技术创新让雷子克永远是电气柜环境控制产品的领先制造商和方案的提供商。雷子克所有的制冷机都符合雷子克工厂标准和欧洲标准。

Innovation is at the heart of Leizig's business culture, and our unceasing drive to create new solutions for you keeps us at the forefront of enclosure climate control manufacturers and solution providers. All our products are CE compliant.

突破半导体材料的高效制冷技术

雷子克作为电气柜环境控制的领先制造商，采用新型五元半导体材料作为半导体制冷机研究的重点。就目前使用的CFCs和HFCs相比，半导体制冷，更符合雷子克的经营理念，创新成就未来。各个研究表明，半导体制冷材料现在不仅是制冷剂的代替品，且能减少二氧化碳的排放和节能环保。雷子克在使用新型五元材料的制冷机研究，COP达到1.3，高效制冷已不是停留在实验的阶段，更多产品将接踵而来。

High efficiency refrigeration technology breakthrough for semiconductor materials.

Leizig as a leading manufacturer of electrical control cabinet environment, using the new five element of semiconductor materials as the focus of semiconductor refrigeration machine. The semiconductor compared to the CFCs and HFCs refrigeration, semiconductor refrigeration is more in line with the Leizig business philosophy, innovative achievements of the future. The research shows that the semiconductor refrigerating material is not only the refrigerant substitutes and can reduce carbon dioxide emissions and energy saving and environmental protection. Leizig has studied the new type of five element refrigerating machine, and the COP has reached 1.3. Efficient refrigeration is no longer in the stage of experiment, and more products will follow.

防粉尘，无冷凝水设计的免维护制冷机

采用独特的冷凝器的散热结构，粉尘不再是我们电气工程师要考虑定期维护的遗憾，粉尘在有雷子克专利的散热器上畅通无阻，无冷凝水设计的制冷机完全达到免维护的效用，在户外和不易维护的场合更是体现雷子克设计师的用心良苦。

Dustproof, condensation and maintenance-free cooling units

Thanks to the use of Leizig's unique condenser cooling structure, you no longer need to worry about dust removal. Dust passes freely over Leizig's patented radiators, rather than collecting and building over time. The condensation-free design makes our cooling units virtually maintenance-free. In outdoor and hard to maintain settings, Leizig designers' thorough consideration ensures your equipment is kept in top condition

变革的制冷理念--压缩空气制冷

利用龙卷风的自然现象，风中心冷，龙卷风外围热的特点而开发出雷子克的压缩空气制冷器，方便客户在防爆领域和超小体积的应用场合上游刃有余。因无运动部件，无制冷剂，几乎免维护和无损坏的特点得到越来越多用户的青睐。

Revolutionary cooling ideas - compressed air cooling

Taking advantage of the natural phenomenon seen in tornadoes - cool air in the centre and warm air at the periphery - Leizig has developed the vortex cooler for application in anti-explosive and small-scale settings. Due to their lack of moving parts and refrigerant, along with their maintenance-free nature, our vortex coolers are in increasingly high demand.

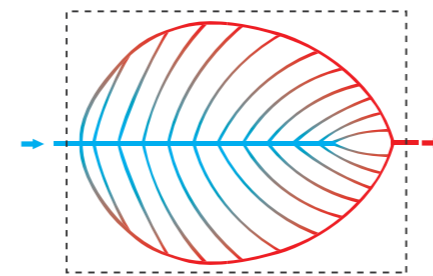


板装水冷热交换器贴心的冷却变频器

水冷板热交换器是大功率变频器最有效的制冷方法，体积小制冷效果高的特点在机柜上发挥的淋漓尽致。在保持机柜的防护等级不变的基础上同时节省元器件的安装空间，无压缩机和风扇让机柜毫无震动并且毫无噪音，无冷凝水的设计消除电气工程师一直以来的顾虑，简便的安装让工程师轻松满足客户苛刻的工期要求。

Air-water plate heat exchanger - the thoughtful cooling inverter

Leizig's air-to-water heat exchanger is the most effective solution for highpower inverters. A key advantage is high cooling performance despite having a highly compact design. While maintaining the same high level of protection, installation space for components has been reduced. With their unique fan and compressor-free design, Leizig's air-to-water heat exchangers are both vibration-free and quiet. Their lack of condensation removes electrical engineers' age-old source of frustration and worry, and simple installation ensures engineers can easily maintain clients' strict deadlines.



气/气热交换器核心的制造

雷子克根据客户的需求制定适合于不同场合的各种尺寸的热交换器核心，薄如纸的铝箔，轻车熟路的装备，各种尺寸的交换核心等特点使雷子克广受自动化和电信行业的青睐。雷子克热管理生产线站在技术核心的最前沿，让客户忽略热交换器的核心技术的公关，轻松的设计各个场合的交换系统，最短的时间为客户提交最有效的热交换器方案。

Air-air heat exchange core

Based on our clients' individual requirements, Leizig has developed a wide range of heat exchange cores in a variety of sizes. The paper-thin foil and effortless running, along with the variety of available dimensions and breadth of applications of its exchange cores has put Leizig in the spotlight of many key players in the automation and telecommunications industries. Our thermal management product lines stand at the forefront of core technologies. Leizig's clients can rest assured that we will provide the most efficient solution in the shortest time for an infinite range of individual applications.



研究开发和试验设备

The research and development and experiment equipment



汽车行业



啤酒饮料



通用设备



电网行业

焓差测试环境室 Enthalpy difference testing room

主要检验制冷机的性能（制冷量、能效比、电流、功率，不同的内外温度试验制冷机的性能）

This is where the performance of each cooling unit is run through stringent tests of cooling capacity, EER, current, power and overall performance under a wide range of interior and exterior temperatures.



可编程高温试验箱 Programmable high temperature test box

主要用于测试和确定电工、电子、产品及材料进行高温或恒定试验的温度环境变化后的参数及性能。还可以作为产品在高温环境下储存和使用的适应性测试。

It is mainly used to test and determine the parameters and properties of the electronics, electronics, products and materials after the high temperature or constant test. It can also be used as an adaptive test for storage and use of products in a high temperature environment.



恒温恒湿试验箱 constant temperature and constant humidity test box

主要用于电子零部件、工业材料、成品在研发、生产，检验各环节的试验提供恒定湿热、复杂高低温交变等试验环境和试验条件，还可以作为产品在高低温环境下储存和使用的适应性测试。

It is mainly used for providing test environment and test conditions such as constant humidity heat, complex high and low temperature alternation of electronic components, industrial materials and finished products in various aspects of R & D, production and inspection. It can also be used as an adaptability test for products stored and used in high and low temperature environment.



红外线测试 Infrared testing

为了可视化您样机在各种环境条件下的温度场并快速判断可能存在的散热问题，我们提供各种温区下的色彩化热成像资料

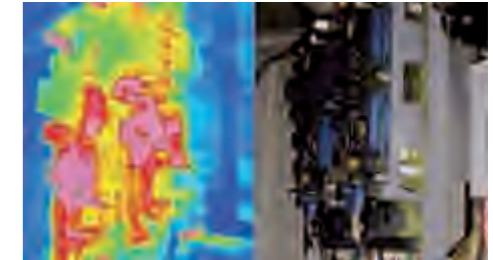
In order to visualize your prototype in a variety of environmental conditions and quickly determine any potential heat dissipation problems, we provide colorized thermal imaging data which clearly indicates the various temperature zones.



气流模拟 Airflow simulation

我们先进的CFD（流体力学计算）软件，可以根据您的设置对产品进行气流模拟，温度场和压力场的模拟结果可以直接绘成图表。这样，可以无需制造昂贵的样机就能对您的系统进行模拟

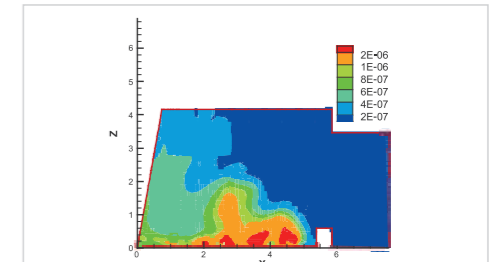
Through the application of advanced CFD (computational fluid dynamics) software, airflow simulations of both temperature and pressure fields can be conducted based on your individual settings, with a printout of simulation results provided. This does away with the need for expensive prototypes to simulate your system.



气流测试 Airflow testing

为了制造气流测试样机，我们提供测试环境并依DIN EN ISO 5167-2标准测试您的产品（提供6种不同截图，气流量3-2000m³/h的检测条件）

In order to produce the airflow sample, we provide the testing environment for your equipment and execute testing in conformity to DIN EN ISO 5167-2 standards (6 cross sections, airflow volume 3-2000m³/h).



防护等级测试 (IP, UL)

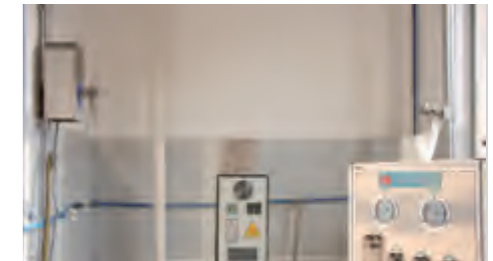
Protection class testing (IP, UL)

小型样机可以在我们灰尘室进行(IP5x)防尘测试

通过我们的喷雾设备，样机可以进行(IPx4)防水测试

我们的喷雾设备(通过UL 50认证)可以对您的样机进行(UL 50)防水测试

For small units, anti-dust tests can be conducted in our dust room (Ip5x). Using our spray facility (IPx4), samples' waterproofing can be tested. Our spray equipment can also be used to conduct UL50 waterproofing tests on your sample.



运输和震动测试

Transport and vibration testing

我们以多年的经验帮助您对样机进行运输（摔落、撞击和震动）和耐震测试（地震）

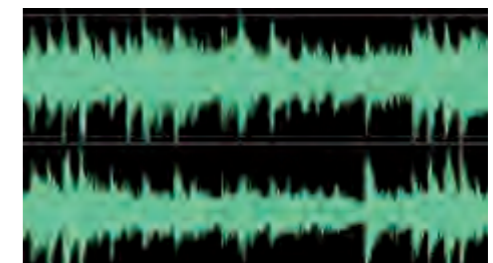
We have years of experience in helping you test the effects of transporting your equipment (drop, shock and vibration testing), as well as conducting seismic tests (earthquake testing).



噪音测试 Noise testing

根据测量标准，通过我们的噪音测量设备，测试样机的声压和声强，我们也能在装有符合ISO3744规格反射地板的隔音室进行噪音方面的测量、分析和设计

As a standard service, we test your sample for both sound pressure and intensity. We can also test your sample in our soundproof room fitted with ISO3744 specified reflective floor for noise measurement, analysis and design.



完善的售后服务

Intimate Services

可以使用的售后服务途径

Available after-sales service channels

感动客户的售后流程和专业的售后人员配合上严格的考核制度成就我们的安装，维修，保养和项目集成服务的领先性。

The customer's after-sales process and professional after-sales personnel cooperate with a strict evaluation system to achieve our leadership in installation, repair, maintenance and project integration services.

- 拨打全国统一的客户服务电话：400-838-1990
Call the national unified customer service number:
- 公司网站下载售后服务申请表，传真到我们上海或广州的维修中心
Download the after-sales service application form from the company website and fax it to our Shanghai or Guangzhou service center
- 直接联系我们全国的销售办事处
Contact our national sales offices directly

“我们总在您身边”

We are always by your side

----感动客户的售后服务

After-sales service that touches customers

我们的服务范围从简单的电气柜过滤风扇一直到配置完整并经过测试的系统，同时我们提供按客户要求安装，保养，维修附加服务，我们努力不懈地为广大客户带来最大利益。公司内部和驻外销售人员将非常乐意为您寻找具有针对性的客户服务。

Our services range from simple electrical cabinet filter fans to fully configured and tested systems. At the same time, we provide additional services for installation, maintenance, and repair according to customer requirements. We work tirelessly to bring maximum benefits to our customers. The company's internal and overseas sales staff will be very happy to find targeted customer service for you

为了您的成功

For your success

--需要正确的电气柜环境控制产品

Need correct electrical cabinet environmental control products

不管控制柜外的环境条件，不管是单独一面柜或是整个电气车间，室内或室外应用，仪表箱或工作站，你都可以选择到合适的雷子克方案及相关产品，我们在自动化领域20年的专业经验至臻完美。

Regardless of the environmental conditions of the control cabinet, whether it is a single cabinet or the entire electrical workshop, indoor or outdoor applications, instrument boxes or workstations, you can choose the appropriate Leizike solution and related products. We have been in the field of automation for 20 years. Professional experience to perfection

您需求的整体性

The integrity of your needs

--同样是我们解决方案的特征

Is also a feature of our solution

您可以在这里找到自己所需的确切的解决方案，并从多种多样的模块化系统中挑选到符合自己独特需要的类型。雷子克提供的解决方案及相关产品将能切实迎合您的各项需要。

You can find the exact solution you need here, and choose from a variety of modular systems to the type that meets your unique needs. The solutions and related products provided by Leizike will truly meet your needs



产品目录 >>>

制冷系列(Enclosure Cooler) 11-19

NEW



壁装制冷机.....	11
wall mounted cooling unit	
壁装水冷制冷机.....	13
wall mounted cooling unit	
门装制冷机.....	15
Door mounted cooling unit	
顶装制冷机.....	17
Top mounted cooling unit	
横装制冷机.....	17
Horizontally- mounted cooling unit	
压缩空气制冷机.....	18
vortex cooler	
无线数据网关控制器.....	19
Wireless data gateway controller	

热交换系列(Heat Exchanger) 21-26



壁装气/气热交换器(半内嵌/完全外挂).....	21
Wall mounted air/ air heat exchanger(Outdoor semi inlay/ complete external hanging)	
顶装气/气热交换器.....	23
Top mounted air/air heat exchanger	
壁装水/气热交换器.....	24
Wall mounted water / air heat exchanger	
顶装水/气热交换器.....	25
Top mounted water / air heat exchanger	
气/气热交换器核心.....	26

NEW



除湿系列(Dehumidifier) 29-30

半导体除湿机.....	29
Semiconductor dehumidifier	
工业除湿机.....	30
Industrial dehumidifier	

通风系列(Enclosure Ventilation) 31-38

NEW



壁装过滤风扇.....	32
Wall-mounted filter fan	
顶装过滤风扇/风扇灯.....	33
Top-mounted filter fan /Top-mounted fan lamp	
架装轴流风扇.....	34
Shelf-mounted axial fan	
架装横流风扇.....	35
Shelf-mounted axial fan	
内循环热点风扇.....	36
Inner loop hot fan	
通风系列附件.....	37

NEW



再冷却系统(Recooling System) 39-40

再冷却系统.....	39
Recooling system	

照明&环境控制系统(Enclosure Lighting &Monitoring) 41-50



屏柜加热器.....	41
Cabinet heater	
机舱加热器.....	42
Engine room heater	
控制柜照明系统.....	46
Control cabinet lighting system	
简易照明灯.....	47
Simple light	
照明系列附件.....	48
lighting series accessories	
控制器.....	49
温/湿度控制器(机械式).....	49
Temperature controller (Mechanical)	
温湿度控制器(电子式).....	49
Temperature controller (Electronic type)	
温度控制器(电子式).....	49
Temperature controller (Electronic)	
温度控制器(热胀式).....	50
Temperature controller (thermal expansion)	