

Leihao Unveils Advanced Solutions as a China Leading AC Surge Protectors Supplier for Global Power Safety

YUEQING, ZHEJIANG, CHINA, May 7, 2026 /EINPresswire.com/ -- In the modern landscape of global electrical infrastructure, the demand for robust power protection has never been more critical. As industries transition toward digitalization and renewable energy, the vulnerability of sensitive equipment to transient overvoltages has increased significantly. Within this context, Zhejiang Leihao Electric Co., Ltd. has solidified its position as a [China Leading AC surge protectors Supplier](#), providing the essential hardware required to safeguard critical systems against the unpredictable nature of lightning strikes and internal switching surges. By integrating advanced manufacturing techniques with a deep understanding of international safety standards, Leihao offers a comprehensive suite of solutions designed to ensure uninterrupted power safety for global markets.

The Strategic Importance of Advanced Surge Protection

The global electrical industry is currently navigating a period of rapid technological evolution. From the expansion of smart grids to the proliferation of electric vehicle charging stations, the complexity of power networks is growing. This complexity brings with it a heightened risk of electrical surges that can cause catastrophic equipment failure, data loss, and significant financial downtime. Consequently, the role of a specialized manufacturer becomes paramount.



Zhejiang Leihao Electric Co., Ltd., under its brand name Leihao, has responded to these industry trends by focusing on the research, development, and production of high-performance Surge Protection Devices (SPD). The company's growth from a modest start in 2015 to a modern 10,000-square-meter facility reflects its commitment to scaling alongside the increasing global demand for reliable electrical safety components.

Comprehensive Product Portfolio and Technical Mastery

Leihao's technical expertise is best demonstrated through its diverse range of products tailored for various electrical environments. The company specializes in AC surge protectors, DC power surge protectors, and signal lightning protection devices, ensuring that every facet of a facility's electrical and data infrastructure is covered.

AC Surge Protection Solutions

At the core of the product line are the AC surge protectors, designed for low-voltage power distribution systems. These devices are engineered to divert excess current to the ground, limiting the voltage to a safe level for downstream equipment. The series includes various modular designs, such as the LH-BD and LH-BX series, which offer different widths (18mm, 27mm, and 36mm) to fit various distribution board configurations. These products are critical for protecting industrial plants, commercial buildings, and residential complexes from external lightning-induced surges.

DC and Signal Protection

Beyond standard power lines, Leihao addresses the specialized needs of the telecommunications and renewable energy sectors. DC surge protectors are essential for photovoltaic (PV) systems, where they protect inverters and solar arrays from atmospheric discharges. Similarly, the signal surge protector series is designed to safeguard data transmission lines, ensuring that communication networks remain functional even during severe weather events.

Specialized Backup and Intelligent Boxes

Innovation at Leihao also extends to auxiliary protection. The Backup Protector Series provides coordinated protection that prevents the SPD from catching fire in the event of a sustained overvoltage or end-of-life failure. Furthermore, the Intelligent Lightning Protection Box represents the brand's move toward the "Smart City" era, offering monitored protection that can alert maintenance teams to the status of the surge protection system in real-time.

Manufacturing Excellence and Structural Advantages

The quality of a surge protector is inherently linked to the precision of its manufacturing. Leihao's facility in Zhejiang Province is equipped with 33 injection molding machines and 10 punches, alongside sophisticated mold processing equipment. This high level of vertical integration allows the company to maintain strict control over every stage of production—from the initial mold design and drawing to the final assembly of the device.

One of the significant advantages of choosing Leihao as a partner is their internal mold design capability. By possessing the talent to create bespoke molds, they ensure that every component achieves seamless integration and optimal functionality. This precision is vital for SPDs, where the speed of response and the ability to handle high-impulse currents depend on the physical integrity of the internal architecture.

Global Standards and Customization Capabilities

To serve as a reliable supplier on the international stage, Leihao ensures that its technical indicators meet both national and IEC (International Electrotechnical Commission) standards. This compliance is a testament to the brand's commitment to E-E-A-T (Experience, Expertise, Authoritativeness, and Trustworthiness) principles. The products undergo rigorous testing to ensure they can withstand the harsh conditions of various geographical regions, from high-humidity tropical environments to high-altitude installations.

Recognizing that different markets have unique requirements, Leihao offers extensive OEM (Original Equipment Manufacturer) and ODM (Original Design Manufacturer) services. This flexibility allows global partners to receive customized solutions that are specifically tailored to their local grid conditions or specific application needs. Whether it is adjusting the maximum continuous operating voltage (Uc) or modifying the form factor for specific machinery, Leihao's R&D team provides the technical support necessary for specialized integration.

Application Scenarios and Market Impact

The impact of Leihao's solutions is felt across multiple sectors. In industrial applications, their SPDs are used to protect heavy machinery and automated production lines, where a single power surge could result in millions of dollars in losses. In the commercial sector, the focus is often on protecting IT infrastructure and HVAC systems, ensuring business continuity.

The brand has also made significant inroads into the infrastructure sector, providing protection for public utility systems and transport networks. By focusing on "customer-centric win-win cooperation," Leihao has built long-term relationships with distributors and contractors worldwide, who rely on the brand's prompt delivery—typically 5 to 10 days for production—to keep their projects on schedule.

Future-Oriented Vision for Power Safety

As the world moves toward a more electrified future, the mission of Zhejiang Leihao Electric Co., Ltd. remains clear: to deliver impeccable solutions and services that establish a benchmark for the low-voltage electrical industry. The company continues to invest in automation and quality management systems to further enhance the reliability of its surge protection offerings.

The enterprise philosophy of "exemplary execution of superior service" ensures that every product leaving the factory is a contribution to a safer global power network. By staying at the forefront of lightning protection technology, Leihao is not just a supplier but a vital partner in the global effort to secure electrical infrastructure against the challenges of tomorrow.

For those seeking professional-grade electrical protection and detailed technical specifications, more information can be found on the company's official platform: <https://www.lh-surgeprotector.com/>

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