

High-Quality Rack PDUs: Why Global Tech Giants Trust Yosun Electric as Their Primary Supplier



Hello We're YOSUN Power Solutions

Ningbo YOSUN Electric Technology Co., LTD was established in 1999, located in Ningbo, China. With over 20 years' of continuous development and [VIEW MORE](#) has become China's leading intelligent Power Solutions provider and the well-reputed manufacturer in PDU industry.

20+ YEARS
OEM & ODM
Experience

16M +
Annual
Production

150 +
Cooperation
Brands

100 %
High-quality
Materials

10000 m²
Factory Area

PRODUCTION CAPACITIES

Professional Equipment, Strong Manufacturing Capability



Assemble Line
30000 Pcs Per Month,
6 Assembly Lines in Total



Laser Cutting Workshop
50,000 Pcs Per Day,
Aluminum Alloy or Metal Cutting



Injection Workshop
70,000 Pcs Per Day,
8 Machines in Total



Final Testing
100% Testing Before Shipping

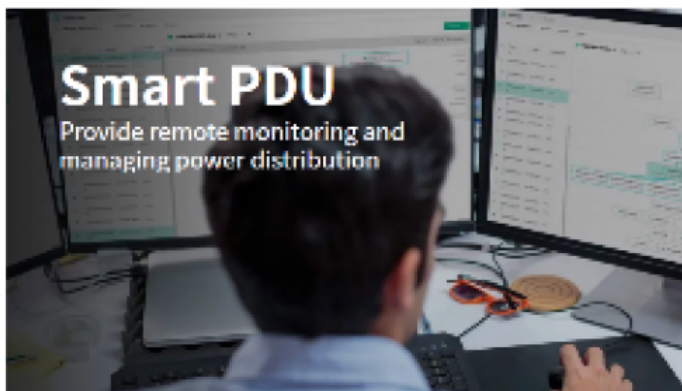
PRODUCT CATEGORY

Power Distribution Units Deserve Your Trust



Basic PDU

Deliver reliable electrical power in data center, computer room, server room or anywhere in need



Smart PDU

Provide remote monitoring and managing power distribution

Ningbo, Zhejiang Jan 29, 2026 ([IssueWire.com](https://www.IssueWire.com)) - High-Quality Rack PDUs: Why Global Tech Giants Trust Yosun Electric as Their Primary Supplier

In the rapidly evolving landscape of digital infrastructure, the demand for sophisticated power management has never been higher. As we move through 2026, the global data center market is projected to reach a staggering **\$430.18 billion**, driven by the relentless expansion of Artificial Intelligence (AI), edge computing, and high-density liquid-cooled server environments. At the heart of this technological revolution lies a critical component: the Power Distribution Unit (PDU).

Among the titans of this industry, **Ningbo YOSUN Electric Technology Co., Ltd.** has emerged as a [Global Leading Power Distribution Unit Pdu Supplier](#). With over 20 years of manufacturing excellence, YOSUN has transitioned from a specialized factory to a comprehensive intelligent power solution provider, powering the infrastructure of the future across 160 countries and regions.

The PDU Revolution: Industry Trends in 2026

The power distribution sector is currently experiencing an "infrastructure investment supercycle." Industry analysts at JLL and Fortune Business Insights suggest that nearly 100 GW of new data center capacity will be added between 2026 and 2030. This growth is characterized by three major shifts:

The Rise of Intelligent PDUs: Standard "Basic" PDUs are no longer sufficient for modern hyperscalers. The market is shifting toward **Smart and Metered PDUs** that offer real-time monitoring, predictive maintenance, and remote switching capabilities.

AI-Driven Power Density: AI workloads are pushing rack power densities to 50kW and beyond. This requires PDUs with high-amperage support and specialized outlets like the **IEC C13/C19** combo units.

Sustainability and PUE: Global regulations are tightening. Organizations are under pressure to optimize Power Usage Effectiveness (PUE). Advanced PDUs provide the granular data needed to identify "zombie servers" and reduce energy waste.

Core Advantages: Why [YOSUN](#) Leads the Market

YOSUN's ascent to becoming a China-leading manufacturer is rooted in its philosophy: **"Quality is our culture."** This is not just a slogan but a rigorous operational standard.

1. Unrivalled Manufacturing Experience

With a history spanning over two decades, YOSUN possesses a deep "institutional memory" of power electronics. Their 20,000sqm facility in Ningbo utilizes advanced automation—including laser cutting workshops capable of processing 50,000 aluminum alloy pieces daily—to maintain a monthly output of 30,000 high-quality units.

2. Global Compliance and Certification

Navigating international markets requires adherence to diverse safety standards. YOSUN products are qualified to a comprehensive list of global certifications:

Europe: GS, CE, VDE, RoHS

North America: UL

United Kingdom: BS

International: CB, CCC

3. R&D and Customization

The "one size fits all" approach is dead in the data center world. YOSUN's R&D team of 15+ senior engineers develops more than **50 new products annually**. Whether it is a custom bracket for a specific cabinet or a unique socket configuration (Schuko, UK, American, or Universal), YOSUN delivers tailored solutions that meet specific regional and technical requirements.

Main Product Ranges: Powering Every Scenario

YOSUN categorizes its offerings into three core series, each designed to address specific infrastructure needs.

[Basic PDU](#): The Reliable Workhorse

For environments where simple, robust power distribution is the priority, YOSUN's **Basic Rack PDU** series offers high-quality power strips without the complexity of networking. These are ideal for traditional server rooms and small-to-medium business (SMB) IT closets.

Metered Rack Mount PDU: Data-Driven Stability

Metered PDUs provide local LED displays to monitor current, voltage, and power consumption. This prevents circuit overloads during equipment installation and helps technicians balance loads across phases without needing expensive software.

Intelligent (Smart) PDU: The Brain of the Rack

The **Smart Pdu Pro** series represents the pinnacle of YOSUN's engineering. These units feature:

Remote Monitoring: Track environmental metrics (temperature/humidity) via SNMP.

Individual Outlet Switching: Reboot frozen servers remotely, saving on "truck rolls" to distant sites.

Advanced Surge Protection: Integrated **PDU surge protectors** ensure that sensitive IT equipment is shielded from voltage spikes.

Main Product Application Scenarios

YOSUN's versatility allows its products to thrive in diverse and demanding environments:

1. Hyperscale Data Centers & Financial Centers

In the world of high-frequency trading and massive cloud storage, downtime is not an option. YOSUN's redundant power solutions and intelligent monitoring ensure 99.999% uptime for mission-critical financial hubs and global data centers.

2. Edge Computing

As 5G and Industry 4.0 proliferate, data processing is moving closer to the source. YOSUN provides compact, ruggedized PDUs designed for **edge computing** nodes in outdoor enclosures or remote industrial sites where physical space is at a premium.

3. Digital Cryptocurrency Mining

The mining industry requires PDUs that can handle continuous, high-load power draw 24/7. YOSUN's **Mining PDU** and **Heavy Duty PDU** ranges are specifically engineered with high-temperature resistance and reinforced components to withstand the grueling environment of mining farms.

Global Reach and Major Client Success

YOSUN's reputation has earned it the trust of some of the world's most recognizable technology brands. The company serves as a core supplier for:

Telecommunications Giants: China Mobile and China Telecom.

IT & Consumer Electronics: Lenovo and Philips.

Infrastructure Leaders: Schneider Electric.

By working with these industry leaders, YOSUN has refined its quality control processes to meet the highest possible benchmarks. Today, whether a data center is located in the United States, Europe, Russia, the Middle East, or Southeast Asia, there is a high probability that YOSUN technology is keeping the lights on.

Looking Forward: The Future of Power

As we look toward the remainder of 2026 and beyond, YOSUN is doubling down on its commitment to "Power Smart Earth." Future innovations focus on **AI-enabled predictive load balancing** and further integration with **liquid cooling systems** to meet the thermal challenges of next-generation GPU clusters.

In an era where data is the new oil, power is the engine. YOSUN Electric continues to prove that with the right combination of manufacturing heritage and forward-thinking innovation, a company can truly become a global leader.

For more information on intelligent power solutions or to request a custom PDU design, visit the official website:

Official Website: <https://www.yosunpdu.com/>

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