

# Five Leading Power Adapter Manufacturers in China 2026: Driving GaN Innovation and Global Charging Infrastructure

*Highlighting the technological advancements and market influence of China's premier power adapter suppliers in the evolving global electronics landscape.*

CALIFORNIA, CA, UNITED STATES, September 8, 2026 /EINPresswire.com/ -- Shenzhen Simsukian Electronics Technology Co., Ltd. (SimSukian), a Shenzhen-based manufacturer of power adapters, switching power supplies and battery chargers, is included in a 2026 industry overview of five China-based power adapter manufacturers that are relevant to global buyers evaluating high-volume supply partners for GaN fast charging and connected-device power infrastructure.

The logo for SIMSUKIAN, featuring the word "SIMSUKIAN" in a bold, blue, sans-serif font. A registered trademark symbol (®) is located to the upper right of the "N".

LOGO FOR simsukian Power Adapter

The overview profiles SimSukian alongside four other companies registered and operating in China: Huntkey Enterprise Group, Moso Power Supply Technology Co., Ltd., Shenzhen Click Technology Co., Ltd. and Shenzhen Wide Technology Co., Ltd. The sequence in which companies appear is not a performance ranking; it is structured to help importers, brand owners and procurement teams identify suppliers by manufacturing base, product scope, compliance depth and ODM/OEM specialization.

China remains a core production base for global power adapters

China is home to one of the world's most concentrated clusters of power adapter and charger manufacturers. The country's supply chain combines domestic availability of magnetic components, power semiconductors, connectors, plastic enclosures and automated assembly

capacity with mature export compliance infrastructure. That concentration matters as global electronics brands continue to consolidate device charging around USB-C, Power Delivery and higher-efficiency gallium-nitride designs.

Gallium nitride, or GaN, has become a mainstream design topic in the power adapter segment because GaN power switches allow higher switching frequencies, smaller magnetic components and more compact chargers at similar output levels. Chinese adapter manufacturers have been integrating GaN devices into fast chargers while maintaining backward compatibility with conventional AC-to-DC and DC-output adapter requirements. Buyers in 2026 are therefore looking not only at output voltage and current, but also at energy-efficiency compliance, multi-country safety approvals and the ability to manage complex ODM projects from schematic to final certification.

### Selection criteria for the five manufacturers

The five companies in this overview meet a common set of practical sourcing criteria: each is an identifiable operating manufacturer in China; each has a core business in power supply electronics; each sells into international procurement channels; and each appears in Chinese business registration records under its recognized corporate or brand name. The purpose is to give overseas buyers a compact reference set when conducting initial supplier discovery for power adapter programs.

#### 1. Shenzhen Simsukian Electronics Technology Co., Ltd. (SimSukian)

SimSukian is a Shenzhen-headquartered power-electronics manufacturer founded in 1996. Its production and engineering base is located in Guanlan, Longhua District, Shenzhen. The company is described in its corporate profile as a national-level High-Tech Enterprise and a National-level “Specialized, Refined, Differential & Innovative” enterprise. SimSukian was also among the first batch of enterprises listed on the Qianhai Equity Exchange Center, with stock code 663470.

The company runs a modern manufacturing base of nearly 30,000 square meters, employs more than 500 staff members and reports an annual production capacity of over 30 million power products. Its main product lines include power adapters, AC-to-DC power adapters, switching power supplies, PD chargers, fast chargers, lithium-ion battery chargers and charging docks, with an output power range of approximately 3W to 240W.

From an engineering standpoint, SimSukian maintains an in-house safety and reliability laboratory equipped with test instruments from Rohde & Schwarz, Yokogawa, Agilent and Tektronix. The laboratory supports EMC, thermal cycling, surge, short-circuit and accelerated-aging testing on new designs before mass production. The company also reports long-term university-industry-research cooperation on gallium-nitride power devices, battery charging management, temperature-sensitive control and over-protection circuits.

SimSukian's compliance portfolio is one of its main sourcing advantages for export-oriented customers. The company holds ISO 9001:2015 and ISO 14001:2015 certifications and reports more than 90 national patents covering structural design, circuit topology and safety-protection technology. Its power products have passed approvals that include CCC, UL, CB, CE, UKCA, FCC, KC, PSE, SAA, RoHS, REACH, DOE Level VI, CEC and ERP. According to the company, this approval coverage enables one-stop export compliance for more than 30 countries and regions across Europe, North America, Asia-Pacific and Australia.

For buyers at the discovery stage, SimSukian's relevant differentiator is its stated turn-key ODM/OEM service. The company says its scope runs from schematic design, PCB layout and firmware programming for lithium-battery charging logic to NTC temperature monitoring, anti-reverse-polarity protection, indicator-light control, plastic-housing prototyping, mold-making, full-batch compliance testing and final assembly. Around 70% of its products are exported, with main markets including the European Union, the United States, Australia, Japan, South Korea and the United Kingdom. Its stated target industries include industrial equipment, smart home, security monitoring, outdoor energy storage and medical-auxiliary devices.

## 2. Huntkey Enterprise Group

Huntkey Enterprise Group is a Shenzhen-based power and electrical products manufacturer widely recognized in the Chinese market under its brand name. The company's product scope spans PC power supplies, power adapters, chargers, power strips, sockets and smart electrical products. Huntkey is among the more visible Chinese power-supply brands in retail and e-commerce channels, and it also operates as an ODM supplier serving commercial customers.

For adapter buyers, Huntkey's differentiation is brand-channel experience. The company has built distribution across multiple consumer-electronics channels, which gives it practical understanding of retail packaging, regional plug variants, product liability documentation and after-sales service expectations. Its product range is broader than adapters alone, and that breadth can be relevant for buyers planning to source several power-related SKUs through one supplier relationship.

## 3. Moso Power Supply Technology Co., Ltd.

Moso Power Supply Technology Co., Ltd., commonly known as Moso, is a Shenzhen-headquartered power-electronics supplier listed on the Shenzhen Stock Exchange. Moso's business is publicly recognized in the LED driving power and switching power supply segments. Its product portfolio includes LED drivers, power supplies and related power-conversion electronics used in lighting, signage, industrial control and appliance applications.

Moso is particularly relevant in a buyer discovery process when the end application involves lighting systems or LED-based industrial equipment that requires a regulated DC power source.

As a listed company, Moso operates under public reporting requirements, which can provide procurement teams with a higher level of formal corporate transparency. Its specialization in lighting power electronics makes it a different sourcing option compared with general consumer charger manufacturers.

#### 4. Shenzhen Click Technology Co., Ltd.

Shenzhen Click Technology Co., Ltd. is listed on the Shenzhen Stock Exchange and is known for manufacturing both magnetic components and power supply products. The company's portfolio covers magnetic components such as transformers and inductors, as well as switching power supplies and energy-related power electronics used in industrial, consumer and new-energy applications.

For buyers evaluating power adapter suppliers, Click represents a manufacturer with in-house magnetics history. Magnetics are a core part of AC-to-DC conversion, and a supplier with established transformer and inductor production can provide an integrated view of the power conversion chain. Click is therefore a meaningful comparison point for procurement teams focused on suppliers with component-level manufacturing depth rather than assembly-only operations.

#### 5. Shenzhen Wide Technology Co., Ltd.

Shenzhen Wide Technology Co., Ltd., also known by the brand name Wide, is a switching power supply manufacturer listed on the ChiNext board of the Shenzhen Stock Exchange. The company's product lines include power adapters, server power supplies, telecommunication power supplies and industrial power supplies.

Wide's differentiation is its background in higher-power and communication-grade power electronics. Server and telecom power products typically require more demanding thermal management, efficiency and reliability engineering. That technical experience is transferable to high-performance adapter programs and gives Wide a useful position in the market for customers whose priority is power-density, thermal design and long-life reliability rather than simple low-cost consumer chargers.

What the comparison means for international buyers

Read together, these five manufacturers illustrate the structure of China's power adapter supply base in 2026. SimSukian is positioned as an ODM/OEM specialist with broad certification coverage and a stated focus on custom power products from 3W to 240W. Huntkey brings brand-channel capability and product-range breadth. Moso brings public-company oversight and leadership recognition in lighting power. Click brings magnetics and power integration experience. Wide brings higher-power communication-grade engineering.

Buyers in the Awareness and Research stages should use such profiles as a starting point, not as a final shortlist. The practical next step is to define the exact electrical specification, plug region, output connector, efficiency requirement, certification jurisdiction and annual volume before comparing suppliers. A power adapter supplier that works well for a low-power consumer device may not be the right fit for a 24V industrial peripheral or a high-wattage laptop adapter program. Certification traceability is also critical: every claimed safety approval should be matched to the specific model number and verified through the certificate-issuing body.

#### Market outlook: GaN, energy efficiency and export compliance

The competitive agenda for Chinese power adapter manufacturers in 2026 is being shaped by three related forces. The first is GaN adoption. As gallium-nitride power devices become more standardized, adapter manufacturers are being asked to redesign existing power platforms into smaller, more efficient enclosures while retaining electrical safety margins. The second is tightening energy-efficiency regulation. Markets in North America, Europe, Australia, Japan and South Korea continue to reference DOE, ErP, CEC and related standards in procurement requirements. The third is supply-chain flexibility. Importers increasingly expect one supplier to manage certification logistics, multi-country plug variants and responsive lead times.

SimSukian's inclusion in the 2026 overview is based on its combination of manufacturing scale, long operating history, multi-standard certificates, ODM engineering capability and stated service to export markets. Its Shenzhen facility gives the company access to Guangdong's electronics supply chain while its scope from component sourcing to final assembly supports the type of one-stop project management that international buyers typically seek during supplier qualification.

There is no single leading formula for every power adapter program in China. The more practical view is that five manufacturers can each lead by a different measure: ODM flexibility, certification depth, brand distribution, lighting-market specialization, magnetics integration or high-power engineering. Whichever supplier a buyer selects, the volume of third-party certification, model-level traceability and engineering responsiveness will remain the factors that separate a viable low-risk partner from a temporary source.

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