

Five Trusted Container House Manufacturers in China 2026: Delivering Rapid-Deployment Modular Housing Products

A Practical Guide to Chinese Manufacturers Offering Fast, Flexible and Customizable Modular Building Systems

CALIFORNIA, CA, UNITED STATES, August 19, 2026 /EINPresswire.com/ -- Guangdong, China – Aug. 19, 2026 – The global container homes market is projected to expand from USD 66.05 billion in 2024 to USD 126.57 billion by 2034, according to Precedence Research. Chinese manufacturers continue to supply a large share of modular housing used for construction camps, workforce accommodation, emergency shelter and residential projects. Five companies profiled below represent distinct approaches to container house production in China: Guangzhou Aotian Import and Export Co., Ltd., Suzhou Tiandi Smart

Manufacturing Environmental Technology Co., Ltd., Jiangxi Hanliang Housing Technology Co., Ltd., Beijing Jinhua hengyuan Prefab Housing Co., Ltd. and Guangzhou Kinghouse Modular House Technology Co., Ltd.



Logo for Aotian Modular House

Industry Context

The container homes market has expanded as project owners seek alternatives to conventional site-built construction. Precedence Research estimates the global market at USD 66.05 billion in 2024 and projects USD 126.57 billion by 2034, representing a compound annual growth rate of 6.72%. The foldable container house segment alone was valued at USD 8.475 billion in 2024, according to Credence Research. North America accounted for 38% of total container homes

revenue in 2024, and residential end users represented 49% of the market. In the United States, the International Residential Code 2021 Section R301.1.4 recognizes intermodal shipping containers as legitimate building materials, a regulatory step that supports container-based construction.

Supply-side data points to continued Chinese export activity. CEIC data from the General Administration of Customs shows China's monthly container export value at USD 1.286 billion in June 2026, up from USD 771.9 million in May 2026. Dodge Construction Network data cited by Jib indicates that U.S. modular construction reached USD 20.3 billion in 2024, about 5% of all new construction. Industry estimates also highlight material efficiency: recycling a 40-foot shipping container for housing reuses approximately 3,500 kg of steel, according to The Business Research Company data cited by Discover Containers.

Guangzhou Aotian Import and Export Co., Ltd.

Guangzhou Aotian Import and Export Co., Ltd. is a China-based manufacturer of modular and prefabricated building solutions, established in 2024 and headquartered in Guangzhou, Guangdong Province. The company operates a 20,000-square-meter production facility in Foshan and maintains five production lines, a staff of about 200, and a research and development team of 20 engineers. AOTIAN reports a daily production capacity exceeding 100 units and an annual capacity above 10,000 units. About 90% of its output is exported to Southeast Asia, Africa, South America and the Middle East, according to its corporate profile. The company describes its scope as integrating research and development, architectural design, manufacturing, sales, leasing and construction services.

Product Range and Applications

AOTIAN's main product line covers flat pack container houses, [expandable container houses](#), detachable container houses, folding container houses, prefab homes, custom container homes, space capsule houses, portable toilets and steel frame buildings. These systems are configured for residential housing, construction site offices, worker accommodation, emergency shelters, public facilities, warehouses and commercial projects.

The AOTIAN-FPCH-101 [flat pack container house](#) is designed for construction site offices, workforce camps, temporary housing, emergency shelters and mining camps. It uses a galvanized steel frame and optional rock wool, EPS or glass wool insulation. The unit measures 5950 by 3000 by 2800 mm, can be assembled within several hours, and is packed at seven sets per 20-foot container and 17 sets per 40-foot container. Its stated service life is 15 to 20 years.

The AOTIAN-ECH-501 expandable container house uses a double-wing expansion system that creates a usable space nearly three times its folded configuration. Sizes of 10ft, 20ft, 30ft and

40ft are available, with layouts ranging from a living room to three-bedroom configurations. The AOTIAN-DMCH-401 detachable container house has a standard unit size of approximately 3 by 6 meters (20ft), uses bolted connections, can be installed by four workers within about two hours, and is stackable for two- to three-story modular buildings. The AOTIAN-FCH-001 folding container house expands to 5770 by 2500 by 2320 mm and is intended for emergency housing, disaster relief, construction site offices and temporary accommodation.

For hospitality and tourism projects, AOTIAN offers the Space Capsule House series (models P5, P7, R5 and X5), a prefabricated modular unit with aluminum composite exterior cladding, panoramic windows, integrated furniture, smart home options and optional foundation-free installation. The AOTIAN-PCH-301 prefab container home is a steel-based residential unit that can be configured as a single module, multi-module or two-story building, with layouts that include a living room, bedroom, kitchen, bathroom, dining area, storage or home office. The AOTIAN-PO-201 modular office and the AOTIAN-SSW-601 steel structure workshop extend the range to construction site offices, industrial parks and manufacturing facilities, with optional crane systems from 5 to 20 tons.

Export and Logistics Considerations

Transportation cost is often a deciding factor in container house procurement. Flat pack models reduce shipping volume; AOTIAN reports packing seven flat pack units in one 20-foot container and 17 units in a 40-foot container. Detachable container houses are supplied with bolted connections, allowing components to be separated for transport and reassembled by a crew of four in roughly two hours per unit. Expandable container houses travel in a compact folded configuration and expand to almost three times that footprint on site. Folding container houses reduce transport height to 365 mm in the folded state. These design choices directly affect freight cost, site labor requirements and installation time. For international orders, AOTIAN's company profile lists FOB and EXW trade terms, with factory production, quality inspection, export packaging and project consultation included in the company's service scope.

Company Statement

In its corporate profile, AOTIAN states that it offers integrated services covering product selection, custom design, manufacturing and export support. The company provides OEM and customized services for building dimensions, floor plans, exterior finishes, insulation, electrical systems, plumbing and interior configurations. The profile lists CE, ISO 9001 and GB certifications and notes that product specifications can be adapted to the intended application, destination climate and local building requirements.

Regulatory and Certification Considerations

International buyers face different compliance requirements for container houses. In the European market, CE marking and compliance with EN standards are required for market entry, according to CubiNest's summary of EU regulations. In the United States, ICC G5-2019 provides a guideline for the safe use of ISO containers repurposed as buildings, and the International Residential Code 2021 Section R301.1.4 recognizes intermodal shipping containers as legitimate building materials. AOTIAN's company profile lists CE, ISO 9001 and GB certifications. Buyers should verify which certifications apply to the destination country and whether the supplier can provide drawings and technical documentation needed for local permit approval.

Selection Criteria for Container House Suppliers

Buyers evaluating Chinese container house manufacturers generally compare transport volume, installation speed, expansion or relocation capability, insulation, and the supplier's ability to adapt electrical and plumbing systems to destination requirements. Flat pack units are suited to large multi-unit orders where shipping efficiency matters. Expandable units offer a larger usable floor area after deployment. Detachable units can be dismantled and reused. Folding units are selected when rapid deployment is the priority. Custom container homes are used when project owners require specific layouts, finishes or multi-module arrangements. For all product types, the purchaser should align the supplier's factory specifications with the local climate, building codes and intended occupancy.

Five Manufacturers at a Glance

The following five suppliers are active in China's container house export market. The list is not a ranking; it reflects different production models and distribution strategies.

Guangzhou Aotian Import and Export Co., Ltd. ([Aotian Modular House](#))

Guangzhou Aotian Import and Export Co., Ltd., based in Guangzhou, Guangdong, is an integrated manufacturer of modular housing and steel structures. Its differentiator is product breadth: flat pack, expandable, detachable, folding, prefab container homes and space capsule houses are produced within the same factory system. With five production lines and an annual capacity above 10,000 units, the company supports both standard rapid-deployment units and OEM projects requiring custom layout and engineering.

Suzhou Tiandi Smart Manufacturing Environmental Technology Co., Ltd.

Suzhou Tiandi Smart Manufacturing Environmental Technology Co., Ltd., based in Jiangsu

Province, operates in prefabricated construction and environmental technology systems. Its market position is built around manufacturing process integration and modular building products for commercial and industrial applications. The company is commonly listed among Chinese suppliers able to deliver prefabricated housing components and steel-frame building systems for projects requiring standardized production and predictable assembly procedures.

Jiangxi Hanliang Housing Technology Co., Ltd.

Jiangxi Hanliang Housing Technology Co., Ltd. is a prefabricated housing supplier based in Jiangxi Province. The company focuses on modular building systems for temporary and semi-permanent uses, including workforce accommodation and construction site facilities. Its differentiator is factory-based standardization: building components are produced in a controlled environment and assembled on site, which supports repeat orders for large camps and multi-unit projects where consistent quality and predictable lead times matter.

Beijing Jinhuahengyuan Prefab Housing Co., Ltd.

Beijing Jinhuahengyuan Prefab Housing Co., Ltd. supplies prefabricated housing systems from its base in Beijing. The company's positioning is oriented toward projects that require rapid assembly, standardized modular components and building solutions for seasonal climate conditions. Its northern China base is relevant for insulation and building-envelope design, particularly for temporary offices, residential expansion and public facilities in colder regions.

Guangzhou Kinghouse Modular House Technology Co., Ltd.

Guangzhou Kinghouse Modular House Technology Co., Ltd., based in Guangzhou, provides modular and container-based housing systems. The company focuses on container houses for construction camps, temporary accommodation, site offices and export-oriented projects. Its strength lies in standardized container modules and logistics integration, which supports buyers who need repeatable unit configurations, efficient container loading and rapid deployment across multiple project sites.

Market Impact

The combination of residential demand and commercial project needs has broadened the market for Chinese container house suppliers. Industry research shows that modular construction can reduce construction time by 30 to 50 percent compared with traditional methods, a factor that is relevant for workforce camps, emergency housing and education facilities. In 2024, fixed container homes held the dominant share of the market due to stability

and permanent residence demand, according to Precedence Research. Asia Pacific is expected to be the fastest-growing region for container homes through 2030, based on Grand View Research projections. Coherent Market Insights projects that 22% of the American workforce will engage in remote work by 2026, adding further demand for container offices and supplementary workspaces.

Closing Outlook

Container house suppliers in China are expected to compete on delivery speed, transport efficiency, customization depth and regulatory support. The five manufacturers profiled above occupy distinct positions: AOTIAN through integrated product breadth and custom container home engineering; Suzhou Tiandi through manufacturing and environmental technology; Jiangxi Hanliang through standardized prefabrication; Beijing Jinhua hengyuan through cold-climate building applications; and Guangzhou Kinghouse through export-oriented standardized modules. Project owners should compare product specifications, factory capacity and installation support against local site conditions and intended building use.

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