

COMPANY PROFILE



JIIN MING
INDUSTRY CO., LTD.

Catalog

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Company Introduction

Group Operating Scope

Tradition

For decades, our expertise has been deeply rooted in manufacturing and processing iconic consumer electronic products, including laptops, iPods, and more.

Evolution

Looking to the future, we have evolved our business model—shifting from mere production to leading innovation and expanding our business into various diverse sectors.

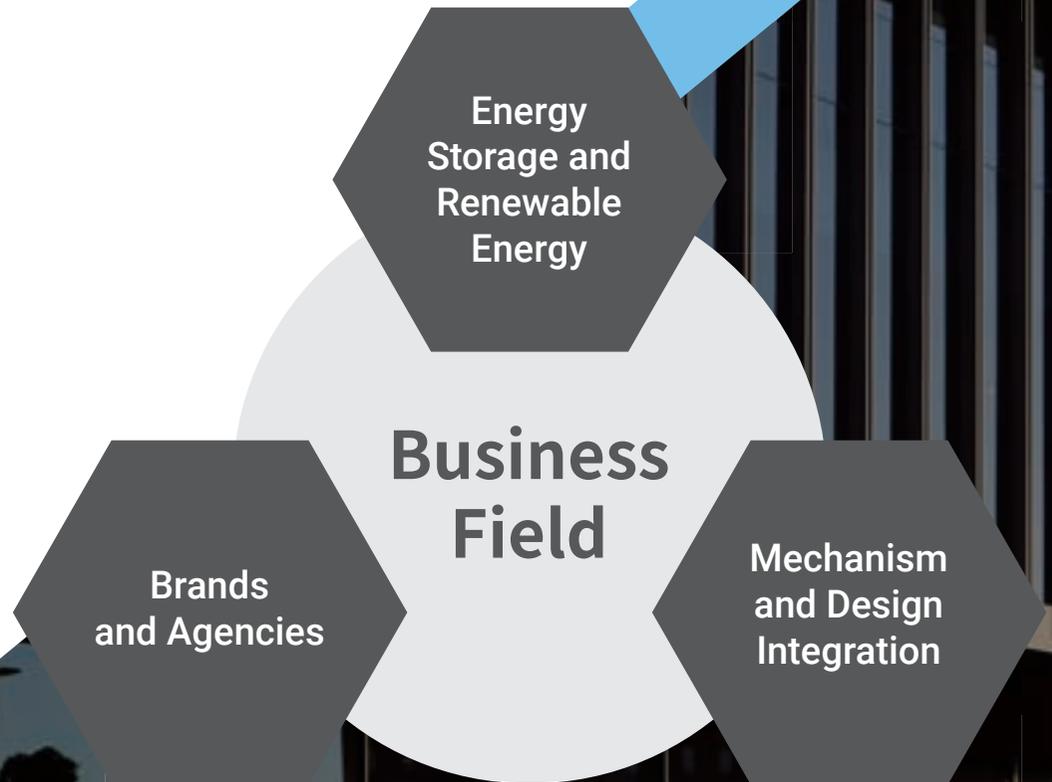
Pillars of Operation

Energy Storage and Renewable Energy: Pioneering green and sustainable solutions for the future.

Integrated Design: Providing comprehensive electrical and mechanical design solutions resonating across multiple industries and applications.

Brand Excellence: Managing our own brands and acting as distributors, repeatedly earning global design awards for design and development.

International Trust: Upholding our commitments, we have established a trusted partner status among global enterprises.

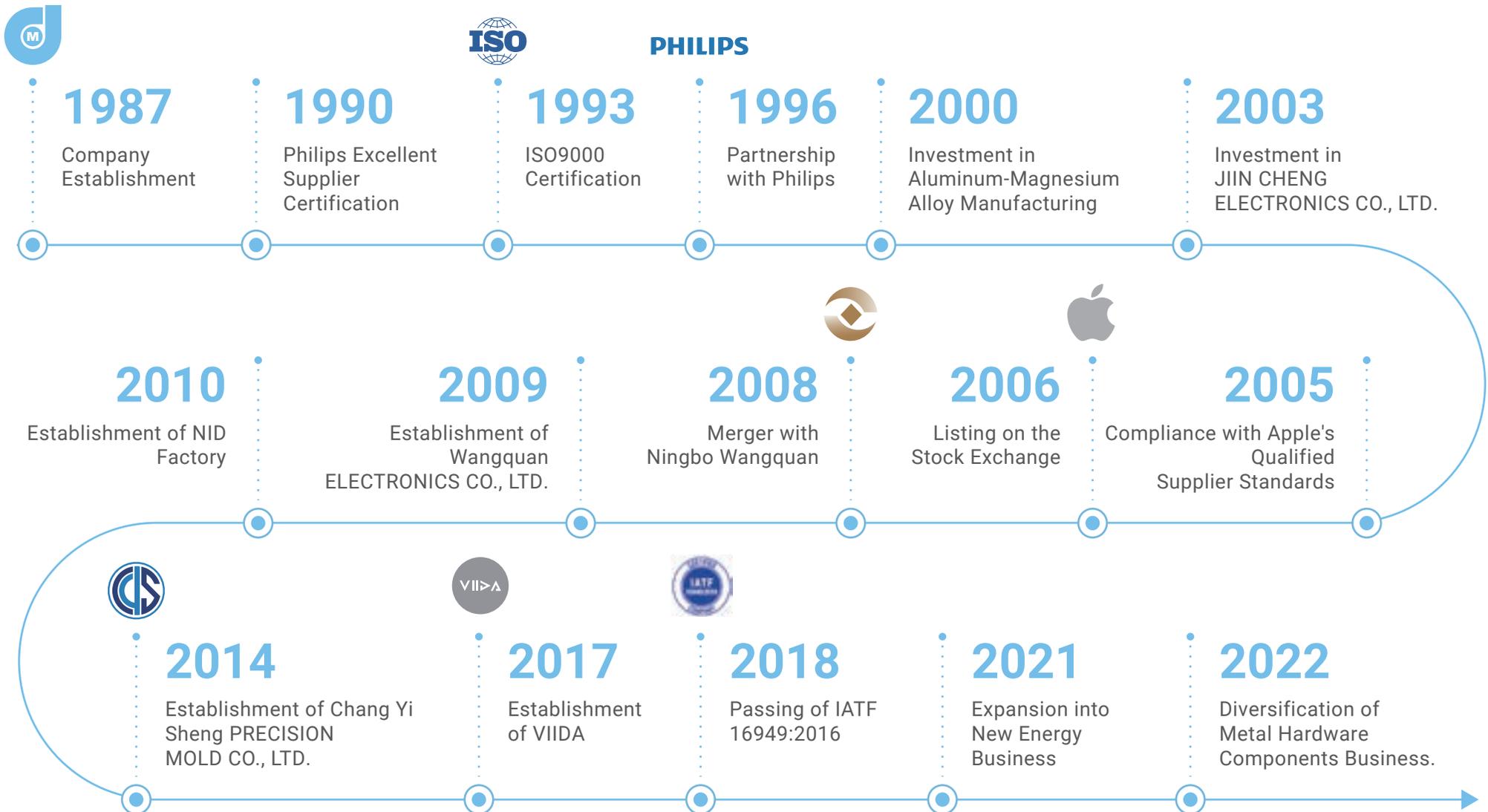


Company History

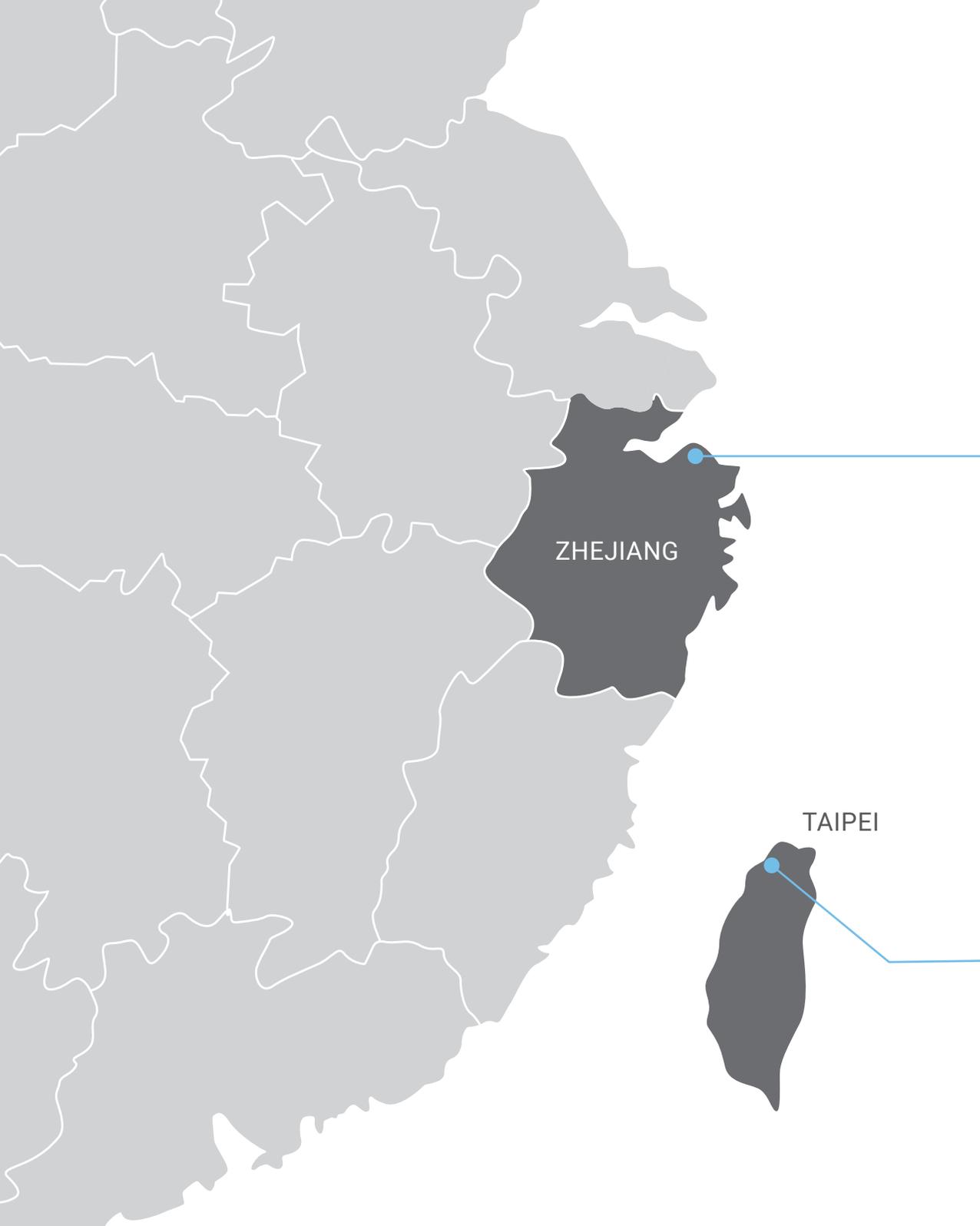
1987
Established

700 million
Capital

3230
Ticker



Group Factories and Headquarters



NINBO WANGQUAN ELECTRONICS CO., LTD.

- Manufacturing and processing of various information, networking, automotive and consumer electronics products.
- Design and manufacturing of internal components and casings.
- Design and manufacturing of various precision molds.
- Production of optical module products.

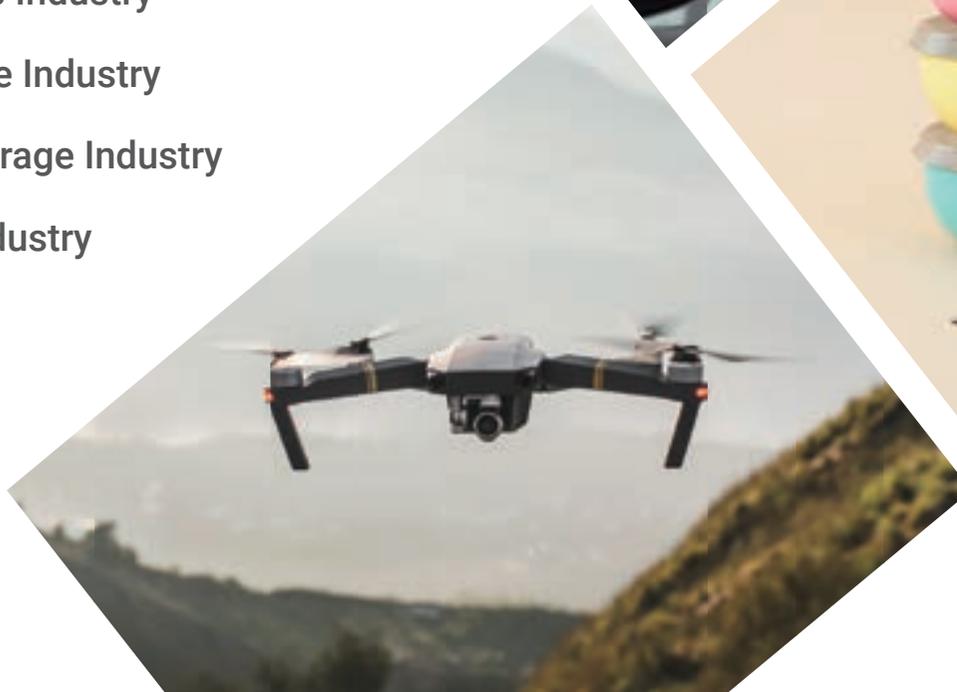
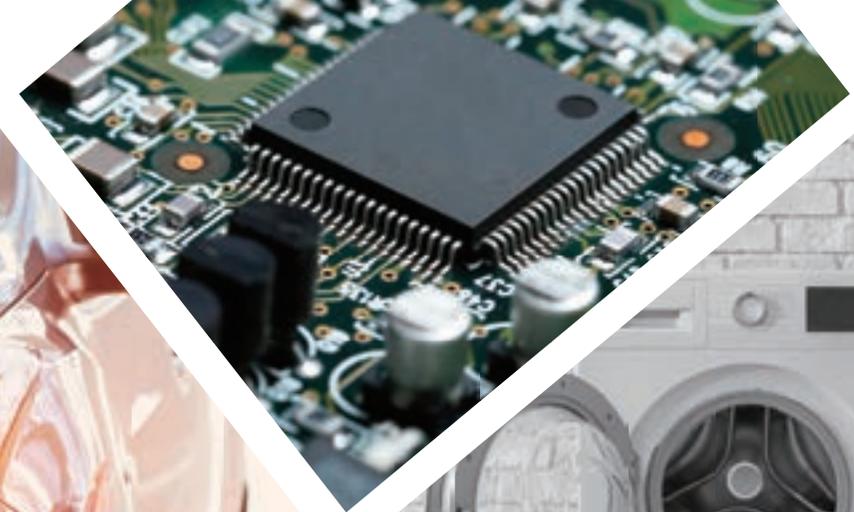
JIIN MING INDUSTRY CO., LTD.

- Group Headquarters:
- New energy/information system engineering integration.
- Electronics/mechanical/mold design center.
- Manufacturing/processing/assembly of mechanical components.

Integration of Mechanism and Design

Application Fields

- Consumer Products
- Consumer and Commercial Electronics Industry
- Automotive Industry
- Energy Storage Industry
- Military Industry



Material Services

Ansys Granta Material Intelligence



Metal Materials

This category includes pure metals, alloys, intermetallic compounds, and special metals, among others. The performance of metal materials is determined by four main aspects: mechanical, chemical, physical, and process properties, all of which impact the rational application of the materials.



Plastic Materials

Plastic materials are widely used in the production of high-tech products such as 3C electronics and biomedical applications. Through different processes and formulations, commercial plastics that meet specific property requirements can be obtained.





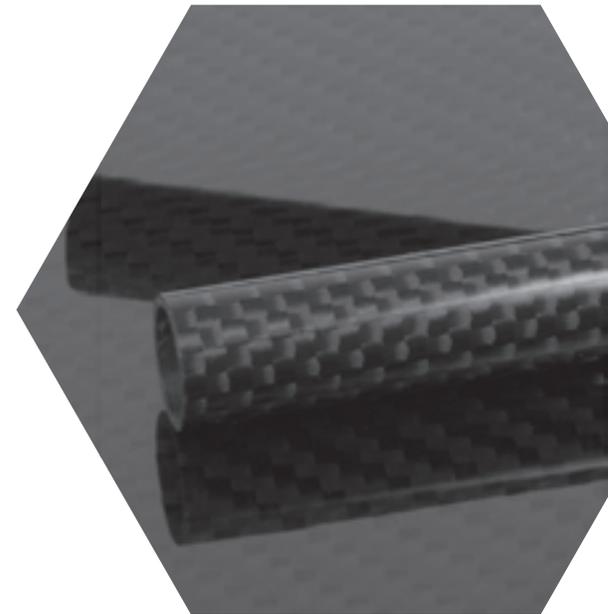
Aerospace and Energy Storage Cabinet Materials

From automobiles, aerospace applications to energy storage systems, there are numerous precision components. When selecting materials, attention should be paid to properties such as fire resistance, corrosion resistance, and heat resistance.



Composite Materials

Composite materials are multi-phase materials prepared through composite processes involving two or more raw materials such as metals, ceramics, or polymers. They exhibit properties that leverage each other's strengths and compensate for weaknesses, meeting the requirements of design and development.



Energy Storage Cabinet Materials

Energy storage cabinets must be equipped with mist fire-extinguishing agents to prevent thermal runaway of battery cores, avoiding electrical fires. Additionally, external protective mechanisms are reinforced to cool the cabinet in case of unexpected fires, preventing further escalation.



Manufacturing Services

Manufacturing and Supply Chain Integration



Mold Design

The custom-equipped precision milling machines achieve high production efficiency and competitiveness.



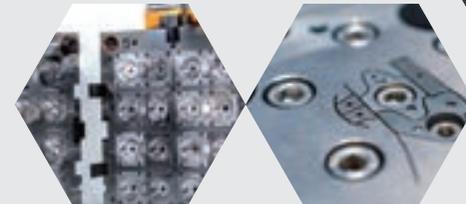
Metal Stamping

Our precision manufacturing process, performed by highly trained technicians using advanced measurement instruments, delivers products with high yield and efficiency, resulting in optimal economic benefits.



CNC Processing

Our expertise in mold development, along with computer-aided mold flow analysis and optimal cavity layout, enables us to minimize development time and achieve optimal production costs.



NCT Processing

NCT technology offers lower processing costs and higher precision by simultaneously processing irregular curves, threaded and extruded holes, and local forming, while avoiding errors from secondary processing.

We continuously innovate our surface treatment processes, strictly control quality, and offer a variety of surface treatments to meet diverse customer needs.



Plastic injection molding offers fast and efficient production, effectively shortening the product development cycle.



Compared to other manufacturing processes, metal die casting can save a significant amount of cost, including the cost of the part itself and the overall production cost. During casting, precise shapes, complex internal features, and minimal draft angles can be designed, reducing the need for secondary machining operations.



Surface finishing

Plastic Injection Molding

Metal Die Casting

Supply Chain



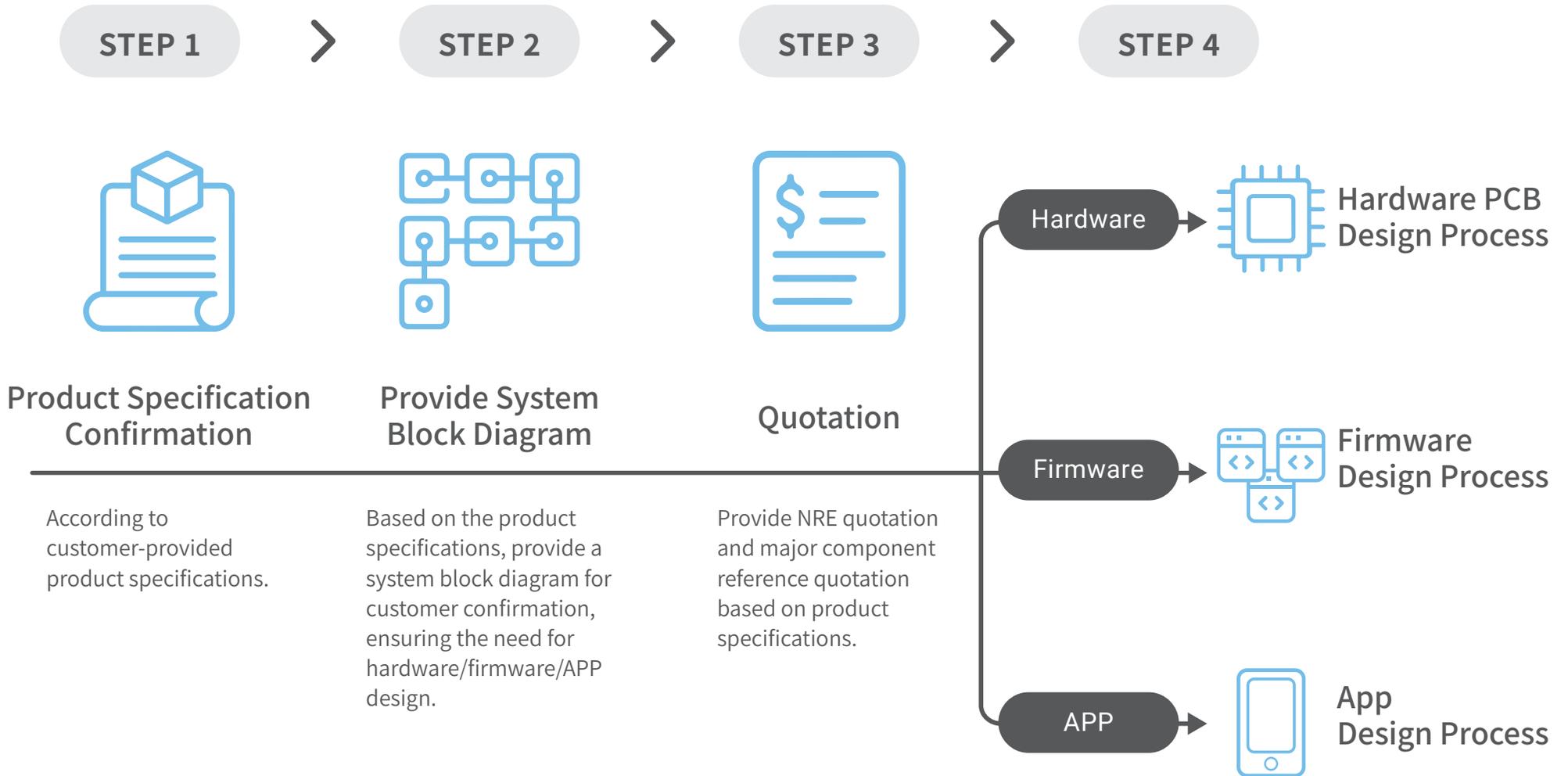
Applications and Product Categories

- **3C Products**
 - Power banks
 - Media players
 - Phone cases
 - Miniature components
- **Automotive Parts**
- **Notebook computers**
- **Home appliances**
- **TFT LCD**
 - Front frames
 - Back panels
 - Stands
- **Energy storage battery cabinets**

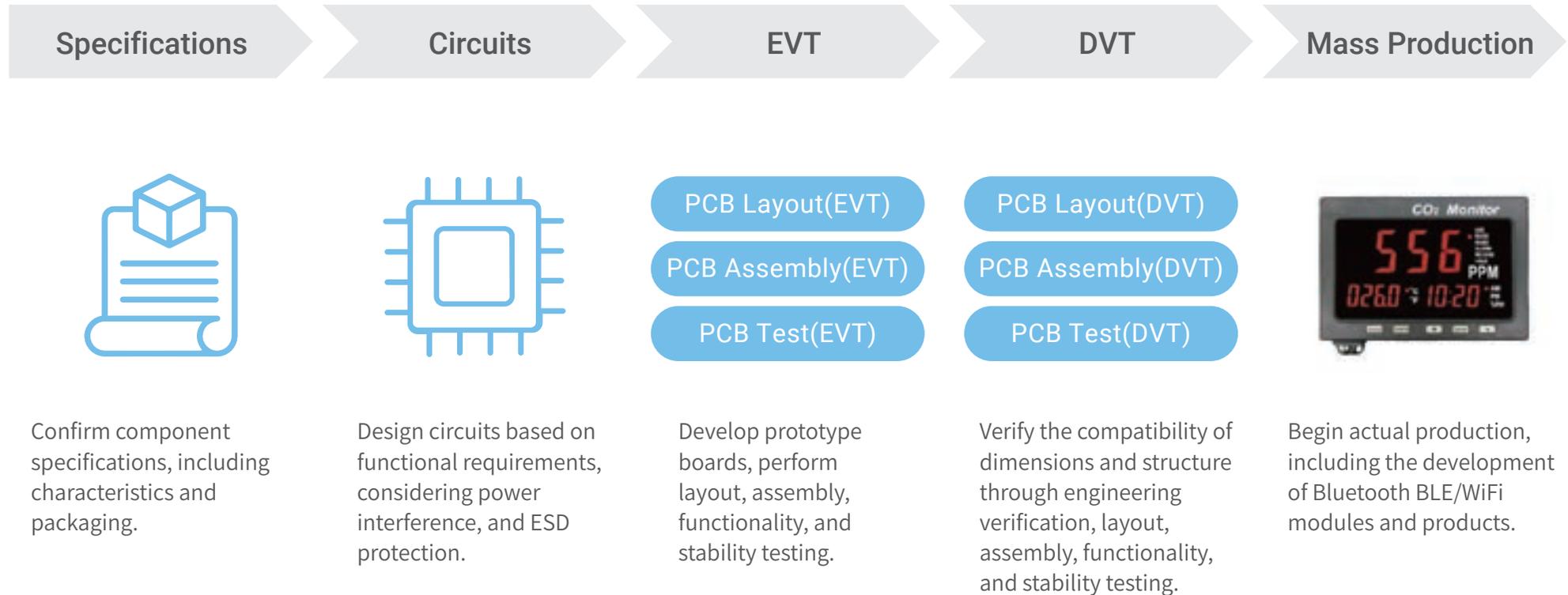


Electronic Product Design Integration

Engineering Team and Development Process



Product Design Process - Hardware PCB



Confirm component specifications, including characteristics and packaging.

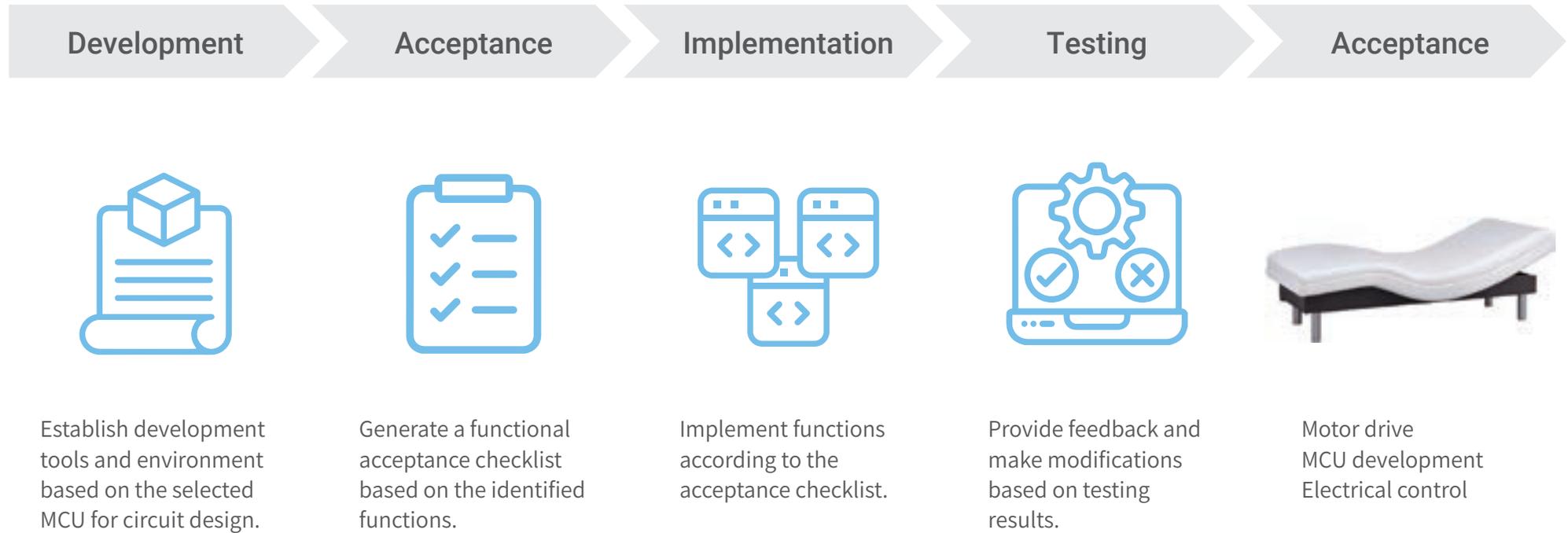
Design circuits based on functional requirements, considering power interference, and ESD protection.

Develop prototype boards, perform layout, assembly, functionality, and stability testing.

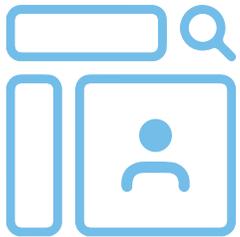
Verify the compatibility of dimensions and structure through engineering verification, layout, assembly, functionality, and stability testing.

Begin actual production, including the development of Bluetooth BLE/WiFi modules and products.

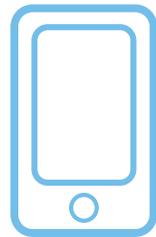
Product Design Process - Firmware



Product Design Process - APP



Provide page schematics for client confirmation



- Bluetooth Tire Pressure Monitoring System (TPMS)
- APP Development (Tire Pressure and Driving Recorder)
- Automotive Anti-Theft System



Product Lines

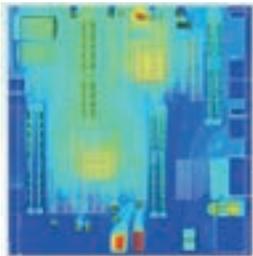
Heat Sink Manufacturer

Vapor Chamber & Heat Pipe Heat Sinks

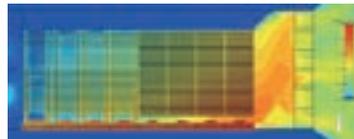
Jiin Ming is a custom heat sink manufacturer specializing in vapor chamber and heat pipe thermal assemblies. Our heat sink design and manufacturing facilities are ISO certified and compliant with ITAR, RoHS, REACH & ECSS.

Customize shape, wall thickness, wick type, wick characteristics, and working fluid to optimize thermal performance

Heat Sink CFD & Optimization



Heat Sink Design & Validation



Prototype & Heat Sink Manufacturing



HEAT PIPE

- Defense
- X-ray Imager

ONE PIECE VC

- Telecom
- LED

TWO PIECE VC

- Telecom Infrastructure
- Server



Electronic Product Design

Bluetooth Low Energy (BLE) / WiFi Module and Product Development



Motor Drive / MCU Development / Motor Control



Bluetooth Tire Pressure Monitoring / APP Development



LED Traffic Signals / Control Circuitry



Consumer Product Applications



Home Appliances / Washing Machine Components

- Drum-type washing machine parts
- Washing machine panels

Household Stainless Steel and Silicone Products

- Silicone x Stainless Steel Eco-friendly Straws
- Stainless Steel Cutlery Set
- Children's Antimicrobial Stainless Steel Cutlery Set



3C Product Applications

Laptop, Tablet, Top Cover, Bottom Cover

- Laptop exterior components
- Laptop internal components

Industrial Computer Casings

- Industrial computer aluminum extrusion casing
- Various aluminum extrusion processing

Power Bank, Mobile Phone Cases

- Mobile phone cases
- Power bank aluminum casing
- Expansion aluminum casing



Transportation Product Applications

Automotive Components

- Various automotive stamped components
- Automotive Aluminum / Magnesium alloy Caliper



New Energy Product Applications

Battery Components

- Various lithium battery module components

Energy Storage Cabinets, Battery Modules

- Battery module cabinets
- Battery module enclosures
- Aluminum fins for battery modules



✔ Prototype

✔ Metal parts

✔ Plastic parts

✔ Others

WHO

GIGABYTE

WHERE

TAIWAN

WHAT

High Performance
Laptop

WHEN

SINCE 2014



✔ Prototype

✔ Metal parts

✔ Plastic parts

✔ Others

WHO

Tron Future

WHERE

TAIWAN

WHAT

Anti-Drone system

WHEN

SINCE 2023



✔ Prototype

✔ Metal parts

✔ Plastic parts

✔ Others

WHO

C-life Tech

WHERE

TAIWAN

WHAT

ESS 48V100AH Rack
2110*900*600mm

WHEN

SINCE 2022



A close-up photograph of a metallic engine component, possibly a cylinder head or valve train, with several circular holes. A thick blue diagonal stripe runs from the top-left corner towards the bottom-right, partially obscuring the image. The background is white with three light blue diagonal stripes in the top-right corner.

Information System Engineering Integration Services

We offer a comprehensive range of networking and communication solutions in the following categories:

- Fiber optic transceivers (155M~400G)
- Cables (DAC, AOC)
- Ethernet media converters
- Relay products
- Overall fiber solutions with BWDM, CWDM, DWDM Mux/Demux
- Fiber optic cables



Active Optical Cable



Optical Transceiver



Fiber Patch Cord



Loopback



Optical Transceiver

100%

Compatible with most of the Vendor



ARISTA



H3C



Force10



MOXA



JUNIPER NETWORKS

intel

aruba
a Hewlett Packard
Enterprise company



Collaborative Clients



Information Room Construction Business



| Item | Project Name |
|------|---|
| 1 | Global Life Information Room Project |
| 2 | Taiwan Cement Information Room UPS/CRAC Handling, Positioning, and Power Addition and Improvement Project |
| 3 | Taisugar Information Room UPS and CRAC Installation Project |
| 4 | AU Optronics Air Conditioning Equipment Replacement Project |
| 5 | Eversol Corporation Headquarters Building Sprinkler System Improvement Project |
| 6 | Motech Electronics Electromechanical Engineering Project |
| 7 | Hejia Technology Information Room Air Conditioning Equipment Replacement Project |
| 8 | Winbond Precision Equipment Constant Temperature Machine Repair |
| 9 | Chimei Electronics Precision Equipment Constant Temperature Machine Repair |
| 10 | Cypress Information Room Monitoring Project |



Renewable Energy

Solar Energy Storage Business Development

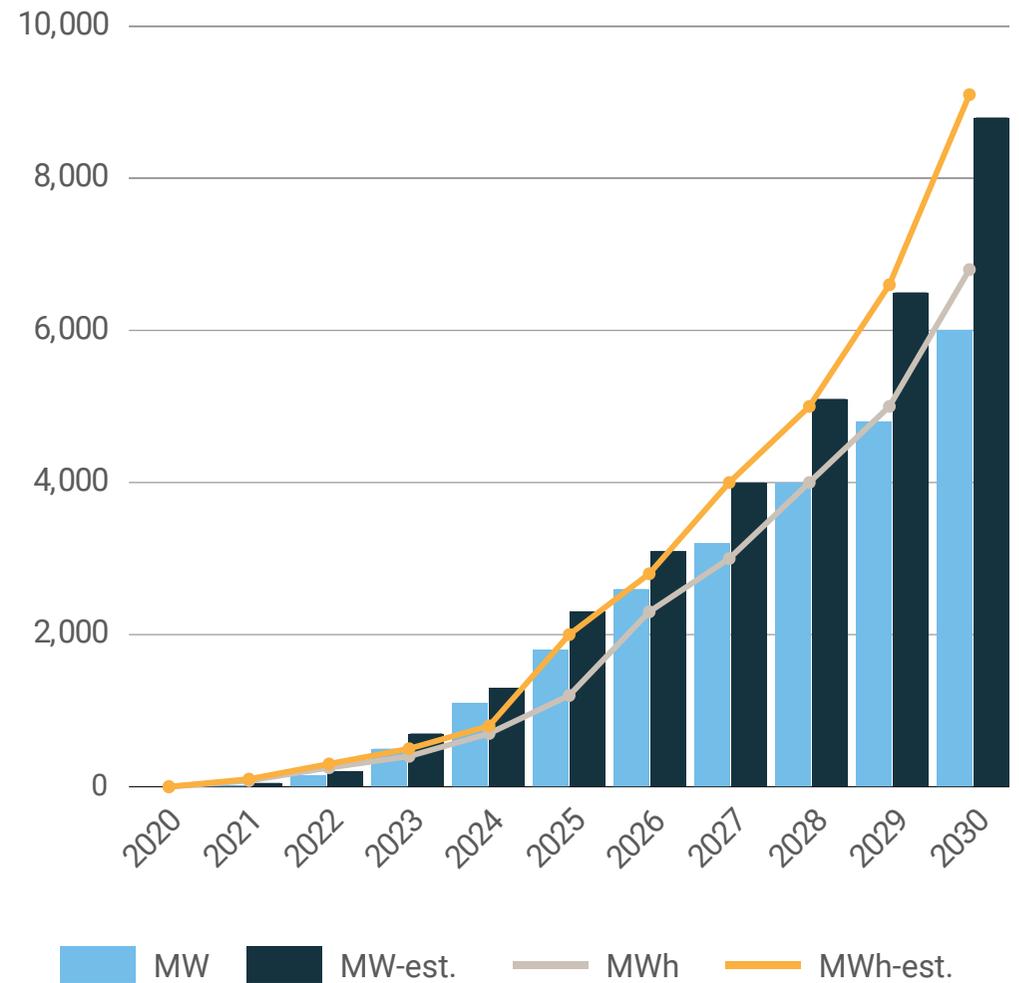
In the year 2025, the plan is to increase the proportion of renewable energy generation to 15%. The cumulative installed capacity target for solar photovoltaic is 900KW. Developing ground-mounted and rooftop solar stations with large installed capacities is a goal pursued by many system manufacturers.

Jinming Industrial adopts a collaborative approach with local solar system businesses to secure an early position and capitalize on the opportunities in the renewable energy sector.

| Config | A | B | C |
|--------|---|---------|-----------|
| Dim | Customized planning ranging from 10ft to 40ft as per customer requirements. | | |
| Cap | 500KW~1MW | 1MW~2MW | 2MW~2.5MW |

Jinming Industries estimates that the cumulative scale of Taiwan's energy storage market will reach approximately 7-8 gigawatts by 2030.

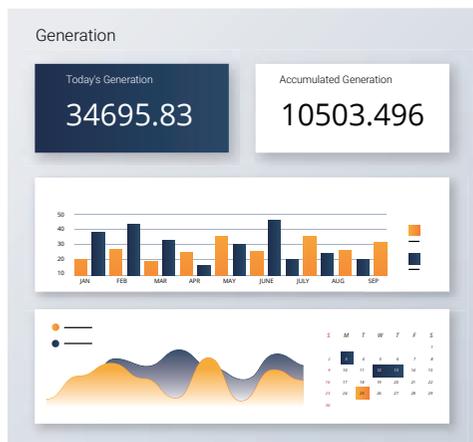
To meet the demands of the energy storage market with different configurations, leveraging over 40 years of OEM experience, Jinming Industrial primarily undertakes the integration of energy storage cabinets, electrical cabinets, and related services. In the domestic market, it collaborates with multiple energy storage battery manufacturers and aims to become a key player in the localized supply chain in the future.



Jinming Industrial, leveraging over 40 years of OEM experience, integrates energy storage cabinets, solar storage field construction, and energy management to provide customized solutions for the solar storage market. Through collaborations with various domestic energy storage battery manufacturers and green energy clients, we have accumulated experience and expertise, aspiring to become the leading local green supply chain service platform. We aim to fulfill diverse customer needs.

Optimized Energy Management Platform

- Information Integration
- Intelligent Monitoring (AI)
- Failure Detection
- Rapid Deployment
- High Scalability



Solar Power Plant Construction Business

EPC Site Construction Achievements

| Site Name | Installed Capacity(kw) |
|---|------------------------|
| Yongkang Water Treatment Plant | 867.30 |
| Lugang Landfill | 1,122.40 |
| Army Engineer training center | 2,833.05 |
| Chinyi Eggs Technology | 325.09 |
| Kenda Tire | 3,290.43 |
| Kaifeng Machinery Co., Ltd. | 714.62 |
| Chiayi Detention Center, Agency of Corrections, Ministry of Justice | 227.15 |
| Linnei Water Treatment Plant | 2,145.20 |
| Chiayi Branch, Taichung Veterans General Hospital | 1,020.53 |
| National Hsi-Hu Senior High School | 377.01 |
| Brine Reservoir | 1,992.00 |



Energy Storage Installation

- Turnkey
- Electromechanical
- Civil
- System Integration

Taiwan Energy Storage Project with a capacity of 50MW
1.0Mega~3.0Mega Wh / 40Feet





Project Services

This includes solar system planning and design, solar system installation, and technical consulting for solar power generation systems. We aim to provide professional and customized products and services, offering comprehensive green energy solutions to customers worldwide. Through this, we hope to contribute to creating an energy-efficient and low-carbon lifestyle and take responsibility for addressing Taiwan's power shortage.



Core Technologies



High-Efficiency Photovoltaic Conversion

Utilizing advanced photovoltaic technology to enhance the efficiency of photovoltaic conversion.



Controllable Energy Storage

Applying energy storage technology to improve energy utilization efficiency and system stability.



Data Integration System

Employing advanced data integration technology to achieve system automation and intelligence.



Energy Conservation and Emission Reduction

Integrating advanced energy-saving technologies to reduce energy waste and contribute to environmental protection.

Brand Business



錦明實業
JIIN MING INDUSTRY

- Private Brand **VIIA**
- Brand Agency
- Pet Supplies
- Silver Hair Care Products





Through "lifestyle products developed with children as the core," caregivers of children can have a comprehensive and reassuring experience in their daily parenting. By interacting with VIIDA's high-quality products, they can enjoy the time of growing up together with their children even more.







Brand Agency

Committed to providing personalized collaboration, we fully consider brand characteristics and market demands to achieve rapid brand development together. Our partners will benefit from our shared resources and experience, collaboratively crafting a distinctive brand image.

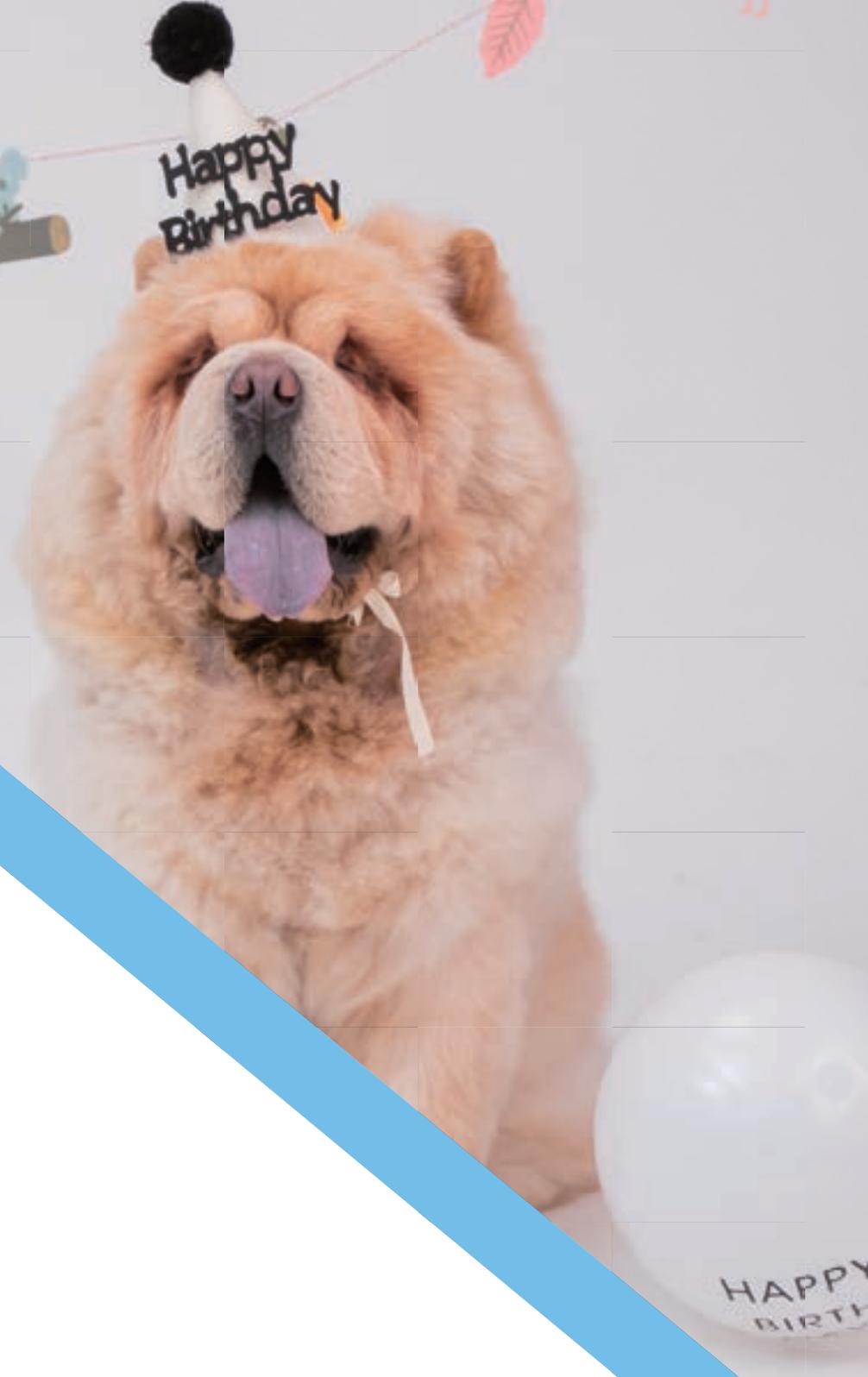
MODAMODA

KOCOSTAR[®]
I'M YOUR MASK

FARM SKIN
Farm does a skin good

Pet Supplies

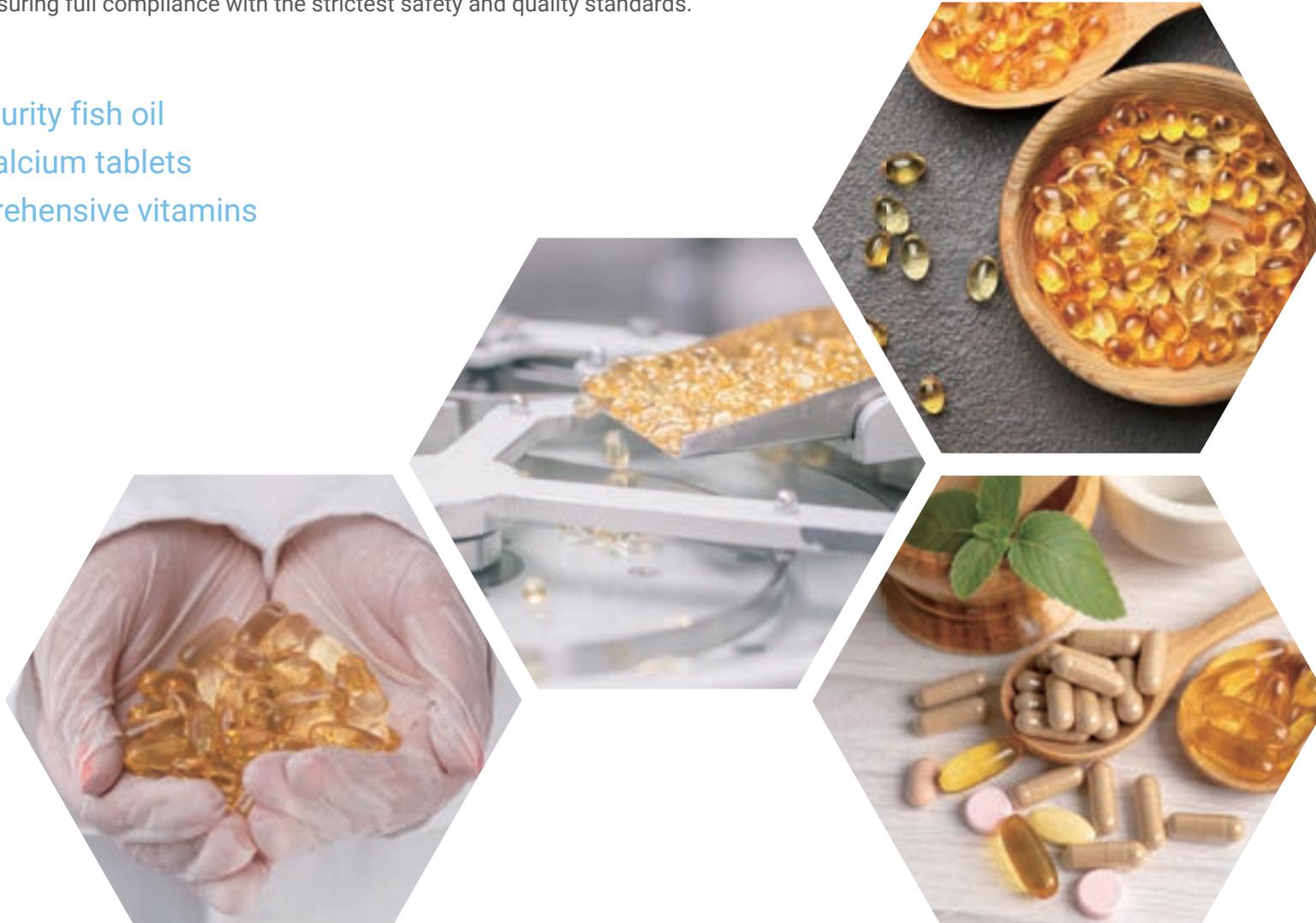
Offering specialized food and supplies for pets, we integrate market insights with consumer needs, committed to providing high-quality products tailored to meet the daily life and nutritional requirements of modern furry companions.



Silver Hair Care Products

Catering to the senior market, we offer specialized health supplements designed for elderly care. Carefully formulated to meet market demands, we rigorously select high-quality raw materials, ensuring full compliance with the strictest safety and quality standards.

- High-purity fish oil
- UC2 calcium tablets
- Comprehensive vitamins





Patent Management and Certification



Quality Control

Every step of the process, from the feasibility assessment of in-house product design, material consultation and selection, to prototyping, mass production, and after-sales service, falls within the scope of our quality control. Our facility is equipped with measuring instruments and testing devices, ensuring rigorous in-house monitoring to achieve optimal yield.

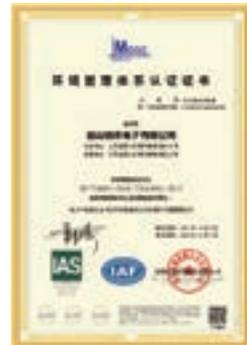
Quality Assurance Certification



ISO9001:2015



QC80000:2017

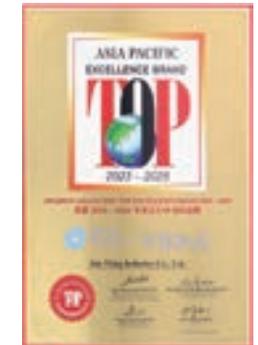


ISO14001:2015



IATF16949:2016

Award Recognition



Patent Technology



Equipment List

- CNC machines MCV-1060
- 3D Laser cutting machine
- Precision Sheet Metal Design and Manufacturing
- Sheet Metal Design for Various Types of Machine Tools
- Universal Chip Conveyor Design and Manufacturing
- Surface Coating



NINBO WANGQUAN ELECTRONICS CO., LTD.

| Machine | Set | Capacity/day | Remark | Location |
|---|-----|--------------|----------------------------|----------|
| 60C Frame Crank Press | 7 | 12K | 60T - 1 Line | WQ |
| 80C Frame Crank Press | 21 | 40K | 80T 3 Line | WQ |
| 110C Frame Crank Press | 38 | | 100T 5 Line | WQ |
| 160C Frame Crank Press | 9 | 66K | | WQ |
| 200C Frame Crank Press | 40 | | 200T 7 Line | WQ |
| 250C Frame Crank Press | 6 | 104K | | WQ |
| 200C Frame Crank Press | 3 | | Continuous Production Line | WQ |
| Cleaning machine | 4 | 36K | 2 UM, 2 TM | WQ |
| Fiber Laser Marking Machine | 5 | | | WQ |
| Laser Wedding Machine | 2 | | | WQ |
| CCD | 3 | | | WQ |
| Laser Device | 2 | | | WQ |
| Fiber Laser Marking Machine | 5 | | | WQ |
| Surface grinding machine | 2 | | SGS-2040AHD | WQ |
| Surface grinding machine | 1 | | SGS-614F | WQ |
| Grinding machine | 2 | | KGS-618M | WQ |
| Grinding machine | 1 | | SGS-618F | WQ |
| Universal tool grinder | 1 | | PP-600/F | WQ |
| Rotary arm drilling machine | 1 | | TPR-920A | WQ |
| Fenbug vertical turret milling machine | 1 | | FTM-X4 | WQ |
| wire cutting machine | 1 | | HQ-60F | WQ |
| wire cutting machine | 1 | | HQ-90F | WQ |
| Shadik wire cutter | 1 | | SPWQ600 | WQ |
| Yamasson punch | 1 | | SPWQ600 | WQ |
| Vertical integrated metal processing center machine | 1 | | CPV-1400B | WQ |
| Yili inverter welding machine | 1 | | TIG-315 | WQ |

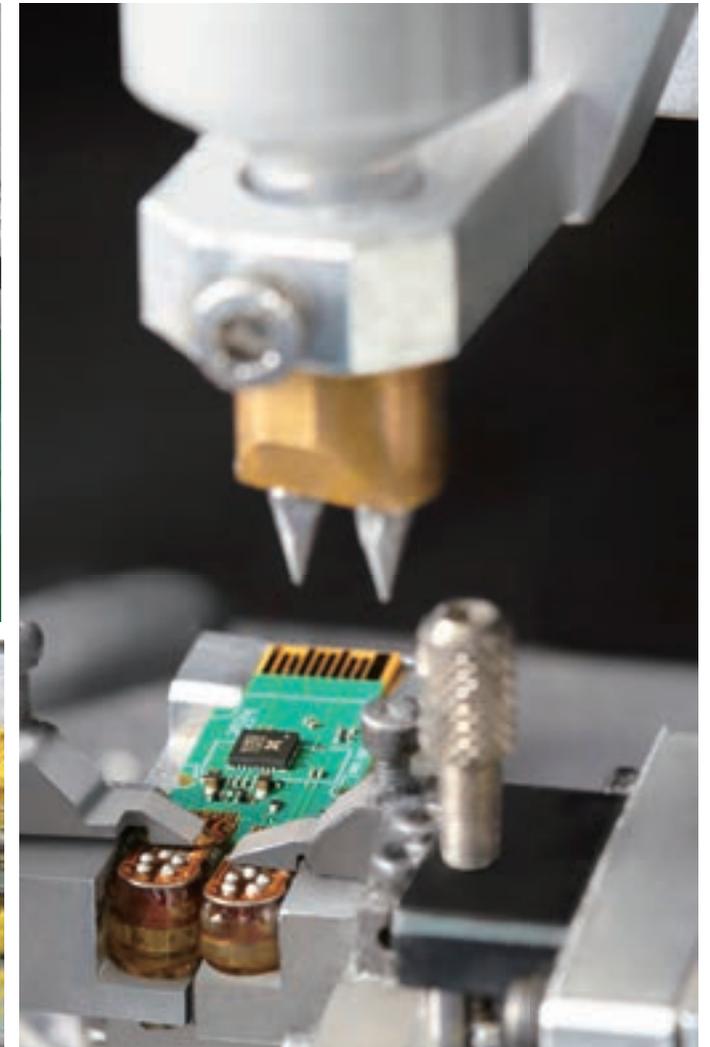
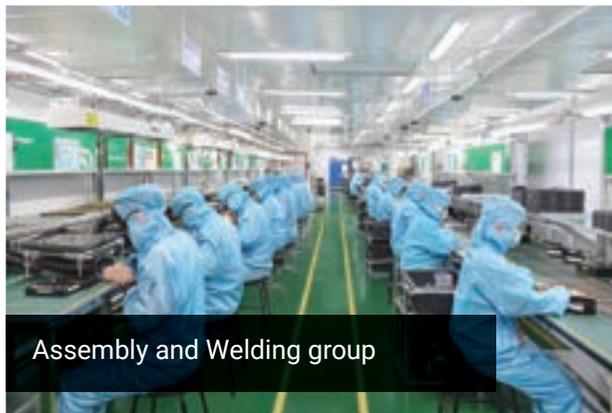
Hardware Processing Equipment Production Line

- CCD Automatic Inspection Equipment
- Vertical Machining Center for Metal Processing
- Vision Measurement Instrument
- Stamping Machine
- CNC Machine
- Forging machine



Optical Module Equipment Production Line

Class 100K Clean Room for normal manufacture



Research Headquarters Global Layout Network

Global Services



| ITEM | Manufacturing |
|---------|---------------|
| 3C & PP | JMG |
| ASP | JMG |
| TFT LCD | JMG |
| NETWORK | JMG |
| IPC | JMG |



| ITEM | Manufacturing |
|---------|---------------|
| 3C & PP | WQ/JC |
| ASP | JC |
| TFT LCD | WQ |
| NETWORK | WQ/JC |
| IPC | WQ |



| ITEM | Manufacturing |
|---------|---------------|
| 3C & PP | WQ/JC |
| ASP | JC |
| TFT LCD | WQ |
| NETWORK | WQ/JC |
| IPC | WQ |

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