



| New Energy Technology
Supply Chain One-Stop Solution



Huiyao

Intelligent Technology
(Tianjin) Co., Ltd.

New Energy Technology
Supply Chain
One-Stop Solution



Personal

150+



Plant Area

10800m²

Company Profile

Huiyao Intelligence, as a Leading-Tech, has been focusing on the research, development and manufacturing of battery automation production line facility for years, and extend our coverage to energy storage cabinet, battery compartment, battery module and module structural components. We are leading enterprise in the new energy technology industry supply chain, committing to provide the first-class one-stop solutions and services for global new energy technology industries and end-users.

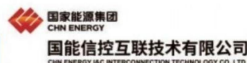
In the field of facility, Huiyao intelligence always takes its industry advantages, continuous innovation, achieved production from battery core to battery module, battery pack and energy storage cabinet/container, has the ability to provide a complete set of mature system, including early-stage facility configuration scheme design, middle-stage production technical personnel training and technical guidance to the final-stage battery product structure design recommendation, which could greatly improve the efficiency of our customers.



Huiyao intelligence works with wind/solar power generation, 5G base station, vehicle battery, data center, charging pile, and other applications, provide advanced integrated technology and one-stop solution for energy storage.

In terms of application, Huiyao intelligence works with wind/solar power generation, 5G base station, vehicle battery, data center, charging pile, and other applications, providing advanced integrated technology and one-stop solution for energy storage, Huiyao owns a comprehensive coverage of product design, manufacturing, sales and after-sales service and so on, providing a full range of support and services for our customers.

National Well-known Strategic Cooperation Agency



COMPANY QUALIFICATION



CORE TECHNOLOGY

INTEGRATED SOLUTION FOR INTELLIGENT EQUIPMENT IN NEW ENERGY INDUSTRY



Laser Welding Technology



Quality Control Technology



Intelligent Control System



Flexible Module Design Capability



Data Management and Traceability Capabilities



System Integration and Collaborative Capabilities



Continuous Innovation and R&D Capabilities

AFTER-SALE SERVICE

Warranty and Guarantee

Your satisfaction is our top priority. All single-station equipment and production lines sold by Yao Laser come with a one-year free warranty and a lifetime quality guarantee, covering any manufacturing defects or malfunctions. If you encounter any issues, rest assured, we will promptly address them, ensuring your peace of mind.

Quality Assurance

At Yao Laser, we place the highest priority on delivering products of the utmost quality. Before any sale, our Battery Modules and PACKs undergo rigorous testing and inspection to ensure they meet the industry's highest standards. We are committed to providing you with reliable and safe products that exceed your expectations.

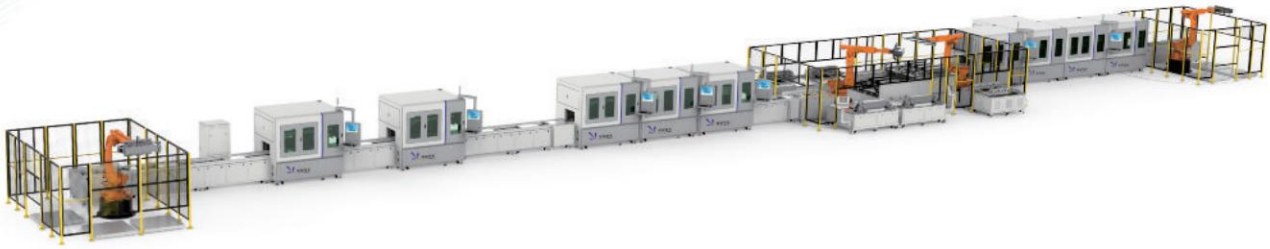
Customer Support

Our team of experts is here to assist you through the whole process. Whether you have questions about product features, compatibility, or any other concerns, we offer personalized consult services to ensure you make the right choice.

PROCESS DISPLAY



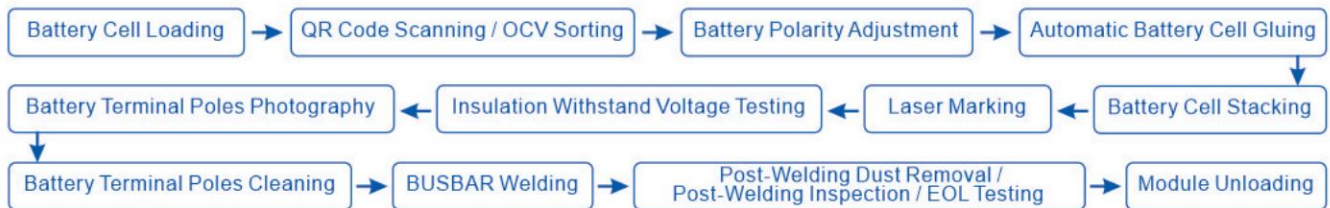
BUSINESS CATEGORIES



Prismatic Battery Module Automation Assembly Line

Technical Parameters

- Production Line Efficiency: ≥ 10 PPM
- Final Yield: $\geq 99.8\%$
- Equipment Failure Rate: $\leq 2\%$



Battery cell	100Ah		
Cell configuration	1P10S	1P11S	1P12S
Rated voltage	32V	35.2V	38.4V
Rated energy	3.2kWh	3.52kWh	3.84kWh

Battery cell	220Ah		
Cell configuration	1P8S		
Rated voltage	25.6V		
Rated energy	5.632kWh		

Battery cell	280Ah		
Cell configuration	1P8S	1P12S	1P13S
Rated voltage	25.6V	38.4V	41.6V
Rated energy	7.168kWh	10.752kWh	11.648kWh

BUSINESS CATEGORIES

Prismatic Battery Cell OCV Sorting Equipment

OCV(Open Circuit Voltage) sorting equipment measures battery cell voltage and internal resistance to identify and separate defective cells, ensuring high-quality and safe battery packs.



Prismatic Battery Robot Dual-Station Welding Equipment

Robot dual-station welding equipment revolutionizes manufacturing with its advanced robotics for precise and efficient welding. Featuring dual stations, it maximizes productivity while ensuring consistent weld quality.



Battery Module Laser Welding Workstation

Precision-engineered for seamless welds and rapid production, it's the ultimate solution for elevating your manufacturing process. Experience unmatched efficiency and reliability – upgrade to our Laser Welding Workstation now.

⦿ Enclosed Gantry Welding Workstation

⦿ Pouch Module Welding Workstation

⦿ Dual-Station Gantry Welding Workstation

⦿ Cylindrical Module Welding Workstation



BUSINESS CATEGORIES

Battery Structural Part Assembly Automation Line

This line is an integrated automatic line consisting of explosion-proof valve welding equipment, cover plate component assembly welding equipment, air tightness testing equipment, and impedance performance testing equipment. The line adopts automatic loading with auxiliary machines to reduce manual involvement, greatly improving production efficiency.



⊙ Dual-Station Terminal Poles Welding Equipment

⊙ Six-Station Rotary Enclosed Welding Equipment

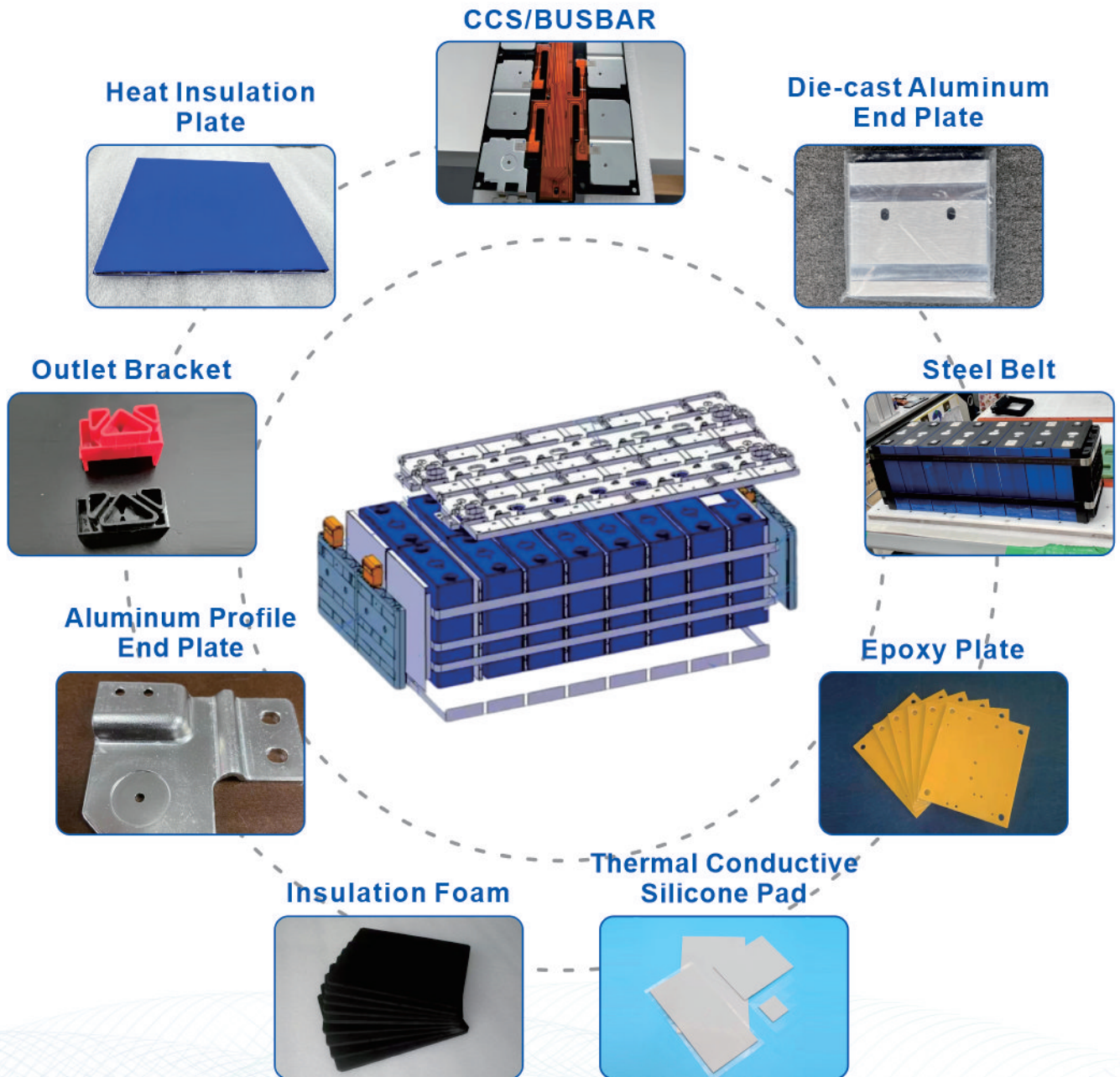
⊙ Explosion-Proof Valves Automatic Welding Equipment

⊙ Dual-Station Rotary Enclosed Welding Equipment



MODULE PACK ACCESSORIES

Can Be Customized According To The Battery Model



CUSTOMER CASES



CUSTOMER CASES





晖耀智能
HUIYAO INTELLIGENCE

Tel: 400-963-3639

Mail: hubing@huiyaointel.com

Website: <http://www.huiyaointel.com/>

YouTub: <https://www.youtube.com/@HuiyaoIntelligence>

Tik Tok: <https://www.tiktok.com/@huiyaointelligence?lang=en>

LinkedIn: <https://www.linkedin.com/company/huiyao-intelligence/>

Facebook: <https://www.facebook.com/HuiyaoIntelligence/>

Production base:

No.988, Guanlin Road , Luolong District, Luoyang City, Henan Province, China