



## EV Lithium Battery Pack Assembly Line Fully Automatic PLC Controlled

Our Product Introduction

### Basic Information

- Place of Origin: Shanghai
- Brand Name: Quanstar
- Certification: ISO
- Packaging Details: wooden box
- Payment Terms: L/C,T/T



### Product Specification

- Name: EV Battery Pack Assembly And Test Line
- Application: Electric Vehicle Manufacturing Automation
- Assembled Products: Electric Vehicle Battery Pack
- Type: Fully Automatic
- Control System: PLC
- Place Of Origin: Shanghai
- Highlight: **Lithium Battery Pack Assembly Line,  
EV Lithium Battery Pack Assembly Line,  
PLC Lithium Battery Assembly Line**

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## EV Lithium Battery Pack Assembly Line Fully Automatic PLC Controlled

### Product Specifications

Attribute	Value
Name	EV battery pack assembly and test line
Application	Electric vehicle manufacturing automation
Assembled products	Electric vehicle battery pack
Type	Fully automatic
Control system	PLC
Place of Origin	Shanghai

### Advanced Features

**Highly automated:** Complete production process from battery cell feeding to pack offline, maximizing efficiency and product quality stability

**Information management:** Integrated with MES system for real-time data storage and quality traceability

**Flexible connection:** Adjustable design for easy expansion and modification

**Multi-device integration:** Comprehensive system including non-standard assembly equipment, conveyor lines, transfer machinery, and testing equipment

**High-precision operation:** Precision handling of battery cells, module assembly, welding, and data detection

**Strong compatibility:** Servo fixtures and quick-change pallet designs accommodate various battery models

### Key Advantages

**Enhanced efficiency:** Automated production significantly reduces cycle time compared to manual methods

**Quality assurance:** Minimizes human factors for consistent, reliable product quality

**Ergonomic design:** Reduces worker fatigue with optimized workflow and logistics

**Intelligent control:** Centralized management with independent unit operation capability

**User-friendly interface:** Simple operation and control system

**Complete data traceability:** Full production data recording for quality control and troubleshooting

**Future-ready:** Designed with upgrade space and interfaces for technical improvements

### Technical Specifications

**Equipment layout:** Customizable to production site dimensions

**Precision control:** Internal resistance testing, welding, and tightening for optimal performance

**Operation mode:** Configurable as semi-automatic or fully automatic

**Assembly process:** Complete workflow from material distribution to terminal testing

**Compatibility:** Supports various battery pack types and specifications


**Data collection:** Comprehensive production data tracking

**Cycle time:** Customizable (e.g., 15s)


**Capacity:** Adjustable (e.g., 300 pcs/h)

Product Images


Business Global Service





Domestic business distribution: Shanghai, Provinces of Zhejiang, Jiangsu, Guangdong, Sichuan, Hunan, Jiangxi, Gansu, Shanxi, Hebei, Anhui, Liaoning, Inner Mongolia.....





We are committed to providing customers with high-quality, competitive products and services. A project cooperation process usually includes the following key steps.



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