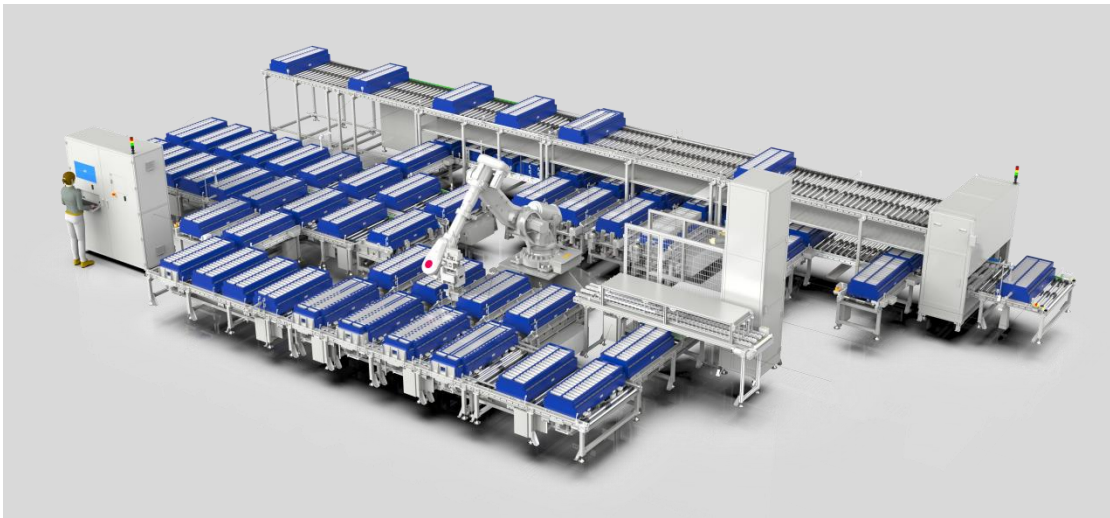


## Sorting System

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### Test Items

- Conditional classification of open circuit voltage of battery
- Conditional classification of battery discharging capacity
- Conditional classification of K value of battery
- Conditional classification of battery platform capacity
- Comprehensive classification of battery parameters
- NG cell sort out

### System Features

**0.2%↓**

#### Failure Rate

- The failure rate is less than 0.2%, which can realize multi-gear design, and the stalls can be customized.
- The scanning mechanism can automatically scan the barcode and the QR code of the single cell. If fails, it will immediately alarm and remind manual handling.

### Functional Characteristics

- Available types for grading: Voltage, ACIR, DCIR, K value, Capacity, etc.

- Sorting gripper has cell clamping position testing function. Once abnormal situation occurred, machine will immediately stop operating and release alarm.
- Same kind of products would be selected for placing in another tray, automatic selection can avoid human caused errors.

## Equipment Parameters

Item	Specification
Equipment power	10KW
Ranking	Can be customized
Applicable power supply	AC 380V 3 $\phi$ 50Hz
Cell input and output	The tray automatically flows in, when this process step is done, then empty tray automatically flows out
Rankings could be programmable	Based on Voltage, ACIR, DCIR, K value, Capacity, etc.