



AONIU Logistics Equipment Product Manual

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COMPANY INTRODUCTION ≡

Zhejiang Zhitong Technology Co., Ltd.

Zhejiang Zhitong Technology Co., Ltd., under the brand "AONIU," is a high-tech enterprise specializing in the research, development, production, and sales of electric vehicles, battery manufacturing, metal products, and mechanical equipment. With a footprint of approximately 18,000 square meters and nearly 300 employees, the company boasts strong capabilities and continuous expansion, with operations spanning China, Europe, the United States, Southeast Asia, and other regions, and is experiencing rapid growth. In early 2023, Zhitong Technology established a commercial vehicle project, comprised of a highly experienced team in sales, R&D, customization, production, and after-sales service. The project has already launched a series of electric pushcarts, which are being successfully applied in a variety of fields, including express delivery, warehousing and sorting, and healthcare. Current clients include major logistics and warehousing companies such as SF Express and JD.com. Zhitong Technology leverages customer needs and its own industry advantages to reduce costs and increase efficiency for businesses, effectively addressing customer pain points and creating value for them. The company has consistently received positive market acclaim. We sincerely welcome collaborations from all walks of life, both domestically and internationally, to create a better future together.



T03 ≡

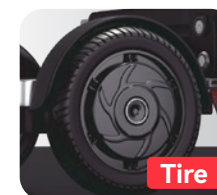
T03 series configuration table			
Motor power	450w*2	Maximum speed	12km/h
Battery capa city	7.8/10.4Ah	Climbing angle	≤15°
Output voltage	36v	Operating temperature	-10~50°C
Charging time	4/5.5h	Protection level	IP43
Load (including rider)	160kg	Connection method	Split type
Typical range	18/30km	Applicable terrain	Hardened flat/rough road
Packaging dimensions	1350*480*30mm	Gross weight	18kg



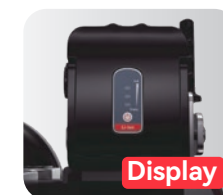
Battery



Motor

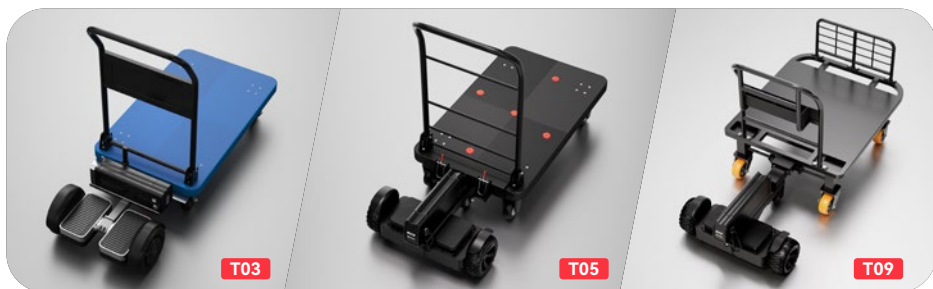


Tire



Display

AONIU PRODUCTS ≡



Product Features

1. Compact design with excellent maneuverability, allowing for a driving path as narrow as 65cm, making it suitable for small aisles and small warehouses in e-commerce and cross-border e-commerce markets.
2. Convenient use: The battery, balance bike, and flatbed are all removable for easy charging and swapping.
3. Flexible control and stable riding, with six wheels providing grip, making it easy to navigate even rough terrain.
4. Extra-large pedals and raised handlebars, 15cm higher than standard flatbeds, ensure a natural stance and minimize fatigue.
5. Voice notifications and safety alerts, including voice notifications for speeding, turning, reversing, and low battery.
6. Ultra-long battery life and ample power, it completely replaces walking and pushing, significantly reducing employee fatigue and increasing efficiency by 25%.

Compatible with Flatbed Trucks



T05 ≡

T05 Series Configuration Table			
T05 - Standard Edition		T05-Enhanced Edition	
Motor power	550w*2	Motor power	700w*2
Battery capacity	7.8/10.4/13/15Ah	Battery capacity	10.4/13/15Ah
Output voltage	48v	Output voltage	48v
Charging time	4/5.5/6.5/7.5h	Charging time	5.5/6.5/7.5h
Load (including people)	200kg	Load (including people)	300kg
Typical range	18/25/33/40km	Typical range	25/33/40km
Maximum speed	12km/h	Maximum speed	12km/h
Climbing angle	≤15°	Climbing angle	≤15°
Operating temperature	-20~55°C	Operating temperature	-20~55°C
Protection level	IP54	Protection level	IP54
Connection method	split type	Connection method	split type
Applicable terrain	Hardened flat and rough roads	Applicable terrain	Hardened flat and rough roads
Packing size	700*500*330mm	Gross weight	29kg以上



T05



Battery



Motor



Tire



Display

Product Features

1. An all-around companion, widely used in express delivery, e-commerce, cloud warehousing, medical services, wholesale, factories, and restaurants.
2. Convenient to use: The battery, balance scooter, and flatbed are removable for easy charging and swapping.
3. Excellent performance: high torque, long range, fast response, zero lag, professional tuning, and outstanding control.
4. Stable, safe, and efficient riding: Wide-body tires, six-wheel grip, and a one-meter braking distance ensure a stable ride in all road conditions.
5. Level 1 protection: Water-resistant and low-temperature-resistant, suitable for use in rainy and cold weather.
6. Voice notifications and safety alerts: Voice notifications for speeding, turning, reversing, and low battery.
7. Completely replaces walking and pushing, significantly reducing employee fatigue and increasing efficiency by 20%, resulting in significant cost savings and increased efficiency.
8. Customizable: Compatible with a variety of flatbeds, we can tailor our products to meet your specific needs.

Compatible with Flatbed Trucks



T09 ≡

T09 Series Configuration Table			
T09 Enhanced Edition		T09-Professional Edition	
Motor power	1300w*2	Motor power	1500w*2
Battery capacity	15/20Ah	Battery capacity	20Ah
Output voltage	54v	Output voltage	54v
Charging time	5/6.5h	Charging time	6.5h
Load (including people)	700kg	Load (including people)	1000kg
Typical range	35/50km	Typical range	45km
Maximum speed	9km/h	Maximum speed	9km/h
Climbing angle	≤15°	Climbing angle	≤15°
Operating temperature	-20~55°C	Operating temperature	-20~55°C
Protection level	IP54	Protection level	IP54
Connection method	split type	Connection method	split type
Applicable terrain	Hardened flat and rough roads	Applicable terrain	Hardened flat and rough roads
Packing size	840*770*330mm	Gross weight	51kg以上



T09



Battery



Motor



Tire



Display

Product Features

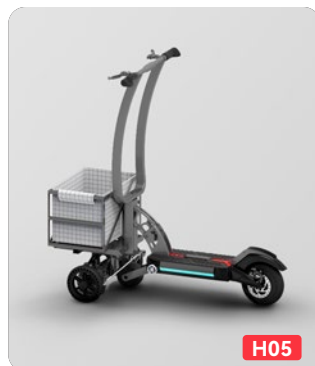
1. Ultra-strong load capacity, suitable for heavy cargo warehouses, widely used in e-commerce warehouses, distribution centers, wholesale operations, factory warehouses, and other industries; 2. Convenient use: The battery, balance scooter, and flatbed are removable for easy charging and swapping;
2. Stable, safe, and efficient riding: The unique turntable design and extra-wide wheels ensure both stable riding and heavy loads;
3. Outstanding performance: high horsepower, long range, high carrying capacity, short braking distance, and professional tuning for smooth handling;
4. Level 1 protection: Water-resistant and low-temperature-resistant, suitable for use in rainy and cold weather;
5. Voice notifications and safety alerts: including voice notifications for speeding, turning, yielding to approaching vehicles, and low battery;
7. Frees up labor for short-distance transport, reduces employee turnover, and increases efficiency by 20%, significantly reducing costs and increasing efficiency.
8. Customizable: Compatible with a variety of flatbeds, products can be tailored to meet customer needs.

Compatible with Flatbed Trucks



H05

H05 Configuration Table			
Motor power	350w	Maximum speed	25km/h
Battery capacity	10.4Ah	Climbing angle	≤15°
Output voltage	48v	Operating temperature	-20~50°C
Charging time	5.5h	Protection level	IP54
Load (including people)	160kg	Braking method	Disc brakes
Typical battery life	30km	Applicable terrain	Hardened flat/ rough road
Packing size	1220*250*250mm	Gross weight	32kg



Product Features

1. This industry-first design combines the advantages of a scooter to allow for maneuvering in narrow aisles, making it suitable for warehouse sorting and express delivery.
2. A three-wheeled structure with two front wheels and one rear wheel allows for quick and easy stop-and-go convenience.
3. Inspired by the multi-link steering design of automobiles, this ensures that cargo and riders do not tilt during turns, resulting in smoother and more stable maneuvers.
4. Extra-wide footpegs and dual-link handlebars allow for a natural stance and comfortable standing for extended periods.
5. Two modes: riding mode and folding and assist mode, adapting to different space requirements and enabling easy entry into elevators.
6. Voice notifications and safety alerts, including voice notifications for speeding, turning, reversing, and low battery.

AGV2.0

AGV2.0 Configuration Table			
Motor power	350w	Maximum speed	5km/h
Battery capacity	13.8Ah	Climbing angle	<5°
Output voltage	22.4v	Operating temperature	-20~50°C
Charge time	6.5h	Operating mode	Magnetic permeability
Maximum load	100kg	Protection level	IP32
Typical range	10h	Applicable terrain	Hardened flat/ rough road
Packaging dimensions	530*420*602mm	Gross weight	35kg

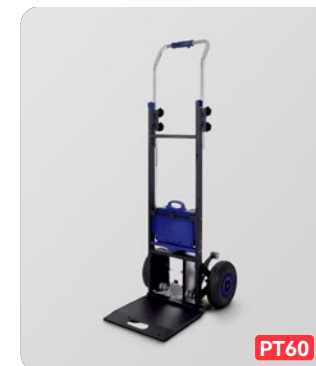


Product Features

1. Multi-mode operation, adjustable according to your needs;
2. Precise magnetic navigation;
3. High-safety lithium iron phosphate battery;
4. Applications include material distribution in electronics factories, fixture transportation on welding production lines, and automated logistics and warehousing.

PT60

PT60 Configuration Table			
Motor power	700w	Maximum climbing speed	35 steps/minute
Battery capacity	7.8Ah	Operating temperature	-20~50°C
Charging time	3.5h	Protection level	IP32
Maximum payload	180kg	Noise	<72 decibels
Typical range	5000 Levels	Applicable Range	Stairs are 25cm high and 25cm wide Turning radius 50cm
Packaging dimensions	1100*430*420mm	Gross Weight	32kg



Product Features

1. Lightweight, powerful, and precise, suitable for household use, logistics, and large-scale transport.
2. Safe and efficient, with instant braking, automatic power-off, and no-fall descent.
3. Closed-loop control and wide 10-inch tires ensure constant speed up and down stairs for more stable operation.
4. Dual-stage deceleration design ensures smooth and quiet operation.
5. Removable, portable lithium battery for easy charging and replacement.

P100

P100 Configuration Table			
Motor power	1200w	Maximum climbing speed	35 steps/minute
Battery capacity	10.4Ah	Operating temperature	-20~50°C
Charging time	5h	Protection level	IP32
Maximum payload	350kg	Noise	<76 decibels
Typical range	6000 Levels	Applicable Range	Stairs are 25cm high and 25cm wide Turning radius 60cm
Packaging dimensions	1100*430*420mm	Gross Weight	43kg



Product Features

1. Heavy-duty, powerful, and precise, suitable for household use, logistics, and moving applications.
2. Safe and efficient, with instant braking, automatic power-off, and no-fall descent.
3. Closed-loop control and wide-body 10-inch tires ensure constant speed up and down stairs for more stable operation.
4. Dual-stage deceleration design ensures smooth and quiet operation.
5. Removable, portable lithium battery for easy charging and replacement.



Cooperative Partners

