



# Spilot

A Smart Delivery Companion





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## A Smart Delivery Companion

Spilot’s unique jacking function, independent lifting, can jack up the shelves to a height of 10cm to achieve independent handling of goods.

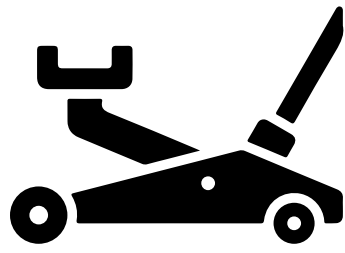


## Additional Features



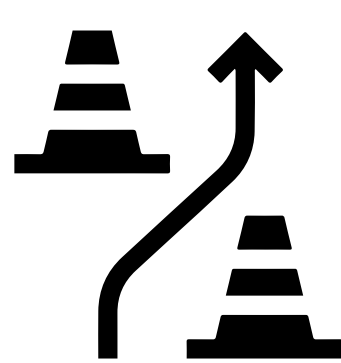
### Autonomous Lift

- Effortless handling of heavy products
- Reduces the need for manual labor.
- Enhances safety and operational efficiency.
- Minimizes the risk of workplace injuries.



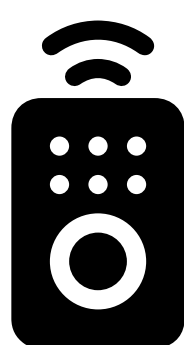
### Jacking Function

- Safe and controlled lifting and lowering of heavy loads.
- Minimizes the risk of product damage during transport.
- Enhances versatility in handling various industrial applications.
- Supports smooth and precise movement of goods.



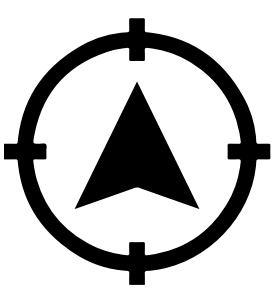
### Autonomous obstacle avoidance

- Real-time detection and navigation around obstacles.
- Ensures smooth operation in dynamic environments.
- Reduces downtime and operational disruptions.
- Enhances safety for surrounding personnel.



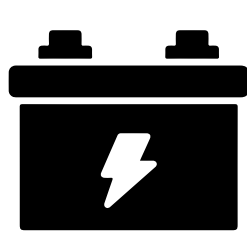
### Remote One-Button Call

- Easy summoning with a single button press.
- Reduces wait times and improves workflow efficiency.
- Ensures quick and timely response to delivery needs.
- Increases overall productivity in the factory.



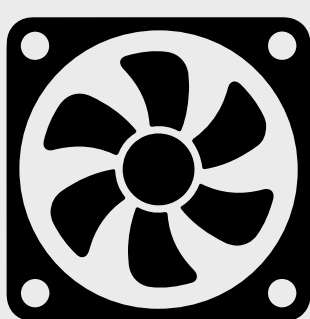
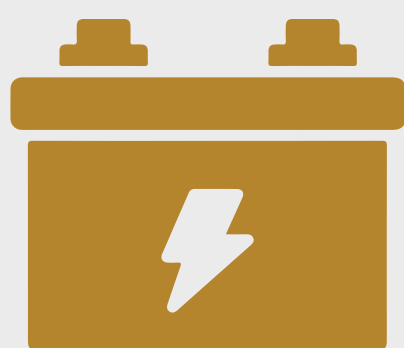
### Laser Navigation

- Accurate and precise navigation through the factory.
- Maps surroundings with millimeter-level precision.
- Follows designated paths for reliable delivery.
- Improves efficiency and reduces errors in product transportation.



### Low Battery Automatic Recharging

- Eliminates the need for manual intervention during recharging.
- Ensures continuous operation with minimal downtime.
- Enhances efficiency and productivity in long shifts.
- Automatically returns to the charging station when the battery is low.



Heat-resistant



non-combustible



non-explosive



## Extra large load capacity

Sheet metal structure support, strong stability, large load capacity, wider range of applications

↑ 600KG

- Robust sheet metal structure for enhanced stability.
- Capable of handling significantly larger loads.
- Expands the range of applications across various industries.
- Designed for demanding environments requiring heavy-duty performance.



## Jacking height

Spilot's unique jacking function, independent lifting, can jack up the shelves to a height of 10cm to achieve independent handling of goods.

↑ 10 CM



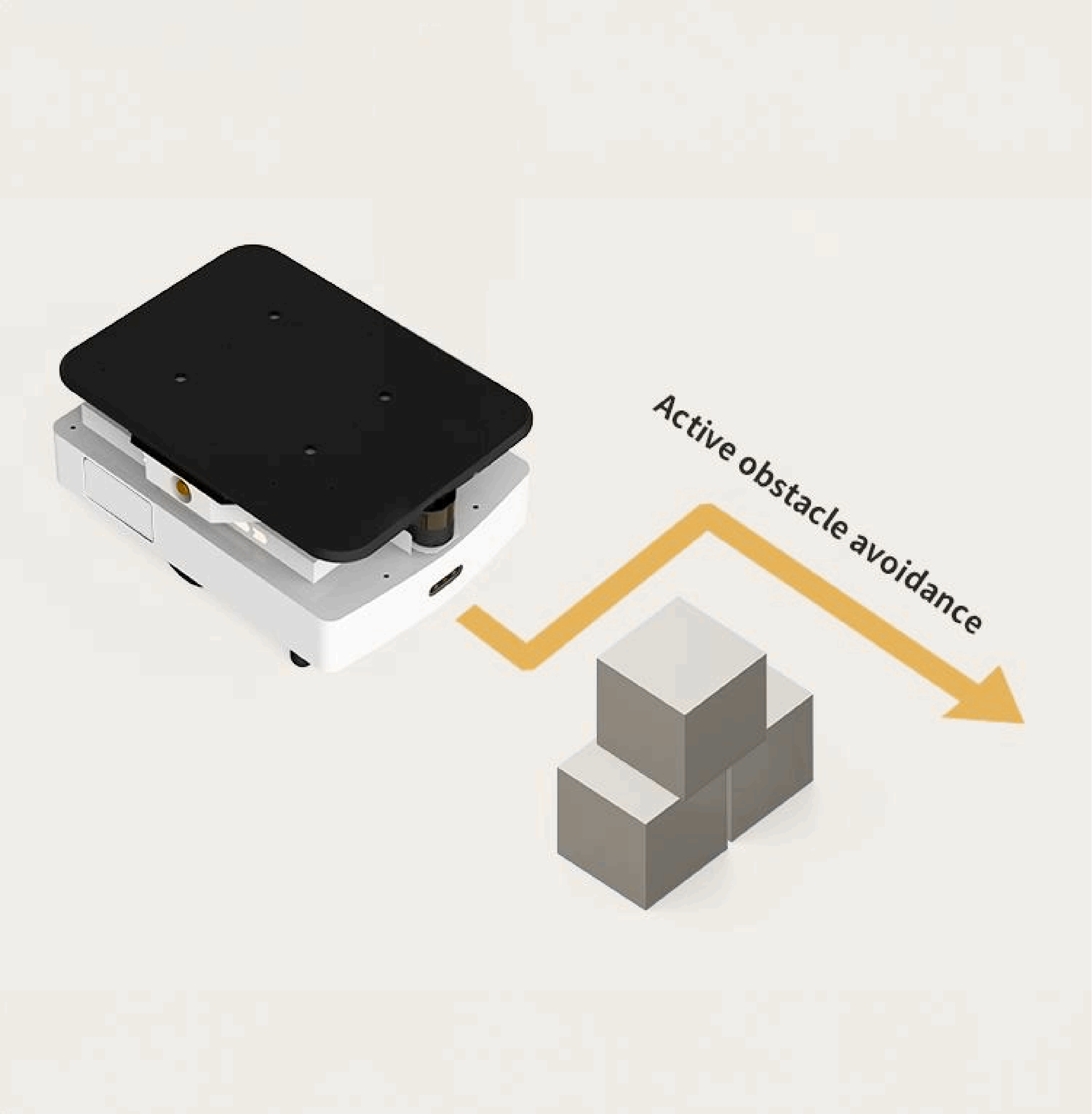
- Spilot's unique jacking function provides independent lifting capabilities.
- Can elevate shelves to a height of 10cm for precise handling.
- Facilitates smooth and autonomous movement of goods.
- Ideal for operations requiring careful and controlled transport.

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# Autonomous call lift

Industry-exclusive ladder control system, calling lifts independently for cross-floor delivery tasks

- Industry-exclusive ladder control system for enhanced functionality.
- Independently calls lifts for seamless cross-floor delivery tasks.
- Streamlines multi-level operations with automated coordination.
- Optional feature—contact our staff for customization details.



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# Obstacle Avoidance

3D camera + LIDAR, three-dimensional intelligent obstacle avoidance, real-time perception of the surrounding dynamic environment

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- Facilitates smooth and autonomous movement of goods.
- Ideal for operations requiring careful and controlled transport.

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# Safer LiFePO4 Battery

Low battery automatic recharging, no need for manual operation

- 38.4V/25Ah battery capacity with high-temperature resistance.
- Non-explosive and non-combustible for maximum safety.
- Long service life with over 2,000 discharge cycles.
- Provides reliable and secure power for extended use.





## Remote one-button call use it when you want

With four optional call methods, you can call the robot to the target location anytime, anywhere.



**Smart watch**  
Unlimited distance



**One Touch Call  
Button**



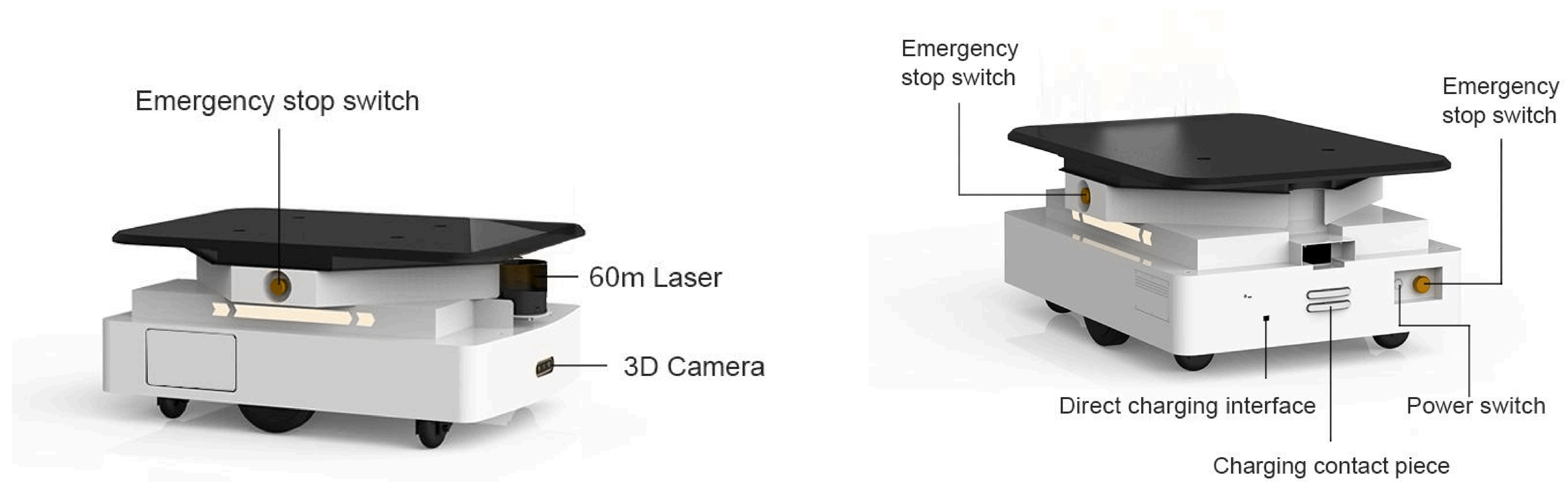
**WIFI Control**  
Unlimited distance



**Mobile App**  
Unlimited distance

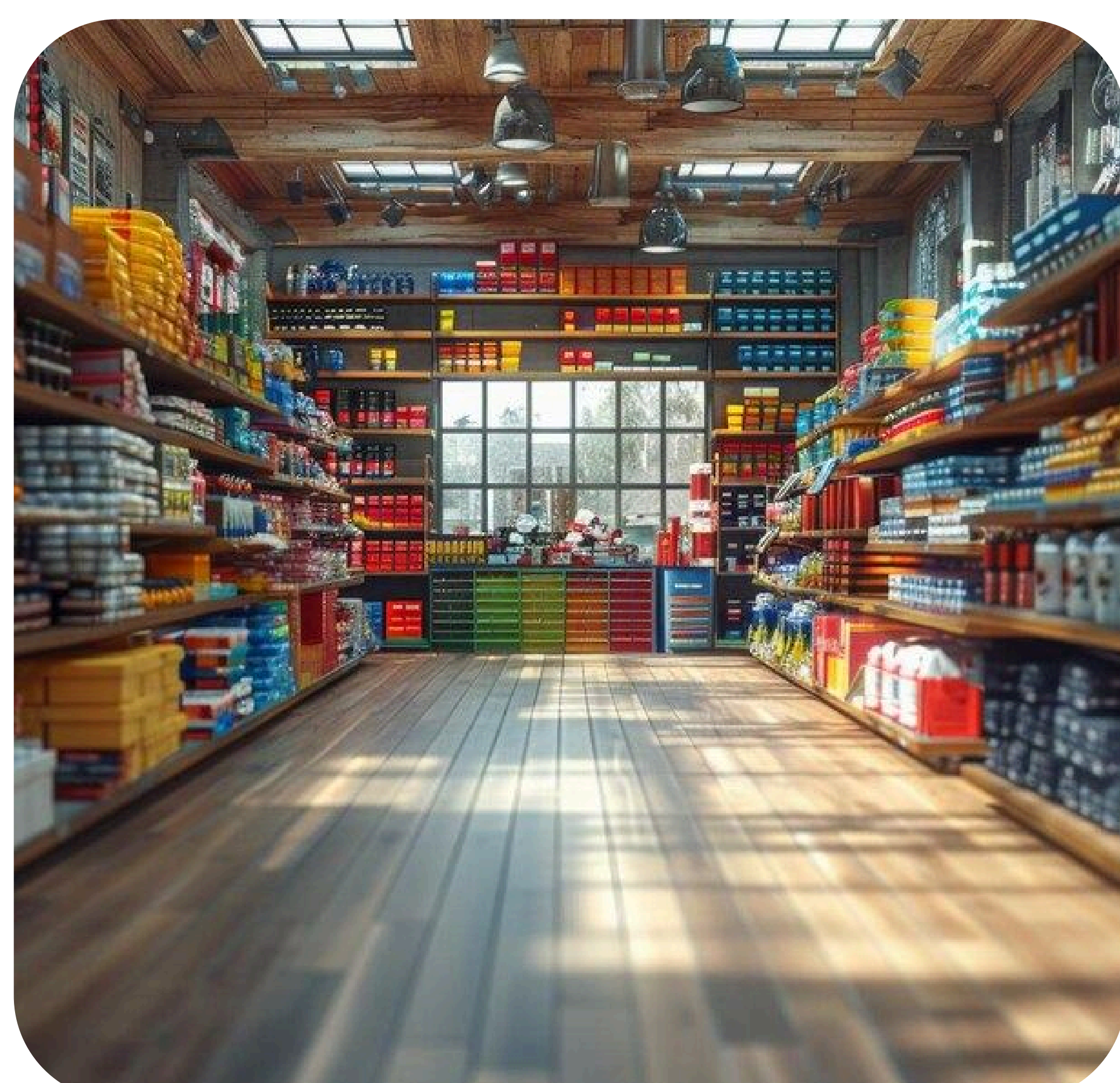


# Exterior Dimensions



## Wide range of application

The product are widely used in factory workshop, libraries, hazardous places, logistics and warehousing, and special industries







Product Parameter

Particular	Details
Model number	ABOT11T
Battery capacity	38.4V/25Ah LiFePO4
Maximum load capacity	600KG
Endurance	8h fully loaded, 25h unloaded
Product size	800x640x1120mm
Weight of the whole machine	About 70KG
Charging time	About 6h
Travel Speed	0.1~1m/s
Navigation accuracy	±10cm
Product material	Sheet metal
Gyroscope	Single-axis gyroscope
Motor drive	5.5" hub motor
Charging Method	Automatic re-charge, direct charge
Adapters	Input: AC110-240V 50-60HZ Input: AC110-240V 50-60HZ
Charging Pile Parameters	Overcurrent protection, intelligent power failure, output rated voltage: 43.2V DC Output rated current: 5A

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