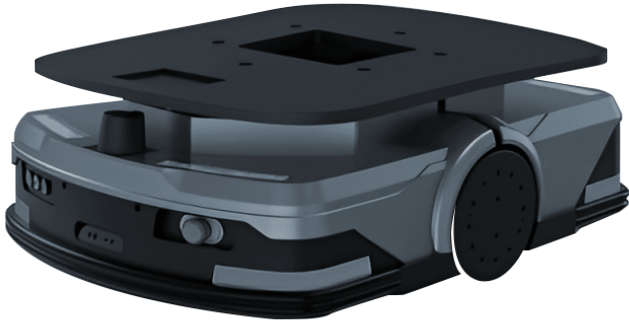


PLATFORM LIFTER

AB-FLB-PL06

ATOMBOTIX



Multiple Safety Protections



Have multiple - level safety protections including front - and - rear laser detection, front - and - rear binocular detection, 360 - degree anti - collision edges, and emergency stop buttons.

Large - scale Cargo Handling



Be able to handle up to 600kg of cargo, supporting lifting, carrying, rotating, and lowering operations.

Equipment Status Indication



Indicate various states of the vehicle through multiple lighting effects.

Friendly Human - machine Interaction



Support liquid - crystal touch screens and audio alarm prompts.

Wireless Network Communication



Support WiFi and 5G network communication, enabling unobstructed operation within the network coverage area.

Autonomous Positioning and Navigation



Achieve precise positioning through technologies such as QR codes, laser SLAM, and texture.

Flexible Motion Control



Employ two - wheel differential speed drive to support forward, backward, and rotational motion controls, ensuring smooth operation.

Intelligent Power Management



Support multi - level power threshold control. It automatically recharges when the power is low and resumes work after charging is complete.

Model	AB-FLB-PL06
Basic parameter	
Navigation Method	Qr code /VSLAM/LSLAM
Drive Form	Two - wheel differential speed
Length*width*height	780 mm×545 mm×250 mm
Maximum Load	600KG
Chassis Ground Clearance	25mm
Maximum Lifting Stroke	60 mm
Network Communication	Ethernet/Wi-Fi 802.11 a/b/g/n/ac

Performance parameter	
Navigation Position Accuracy	±10mm
Navigation Angle Accuracy	±1°
Operating Speed(Full/empty load)	0.8 / 2 m/s
Battery parameter	
Battery Capacity	48 V/16 AH Lithium iron phosphate
Rated operating time	>7 H
Charging time (10-80%)	≤1.5h
Charging Mode	Manual / Auto
Battery Cycle Times	Cycle 1500, capacity > 80%
Security	
Number of lidars	1/2 (Optional)
Emergency Button	Support
Speaker	Support
Atmosphere Lamp	Optional
Anti - Collision Strips	Optional
Function	
Basic Function	Optional
Wi-Fi Roaming Function	Optional
Automatic Charging Function	Optional
Cargo Rack Recognition Function	Optional
QR Code Precision Positioning Function	Customizable

Product Size

