



KEENON S100

Effortless 100kg Delivery:
Redefining Industrial Mobility



Flexible and Agile



Smooth and Safe



Long Battery Life



Steady Delivery



Application Scenarios



Product Parameters

Product Dimensions

925 x 620 x 1282 mm

Standard Shelf Size

865 x 600 x 800 mm

Product Weight

<100 kg

Maximum Load Capacity

100 kg

Maximum Speed

1 m/s

Minimum Passage Width

90 cm

Maximum Slope Angle

≤2.8°

Battery Life

8 h

*All battery claims depend on many other factors; actual results will vary. Battery has limited recharge cycles and may eventually need to be replaced. Battery life and charge cycles vary by use and settings.

Image Positioning Module

Touch Display Panel

Emergency Stop Buttons (x3)

*One on the head and two on the chassis

Stereo Vision Sensor (x3)

Customizable Shelf

*Multiple shelves with precise hole positions
Standard version can accommodate 4 standard material boxes (600mm*400mm*350mm)

Battery Swapping Design

*8-hour battery life on a single charge

360° Anti-Collision Strip

Drive Motor (x2)



Flexible and Agile

The entire system is designed with modularity in mind, offering flexibility and adaptability to meet specific on-site requirements. It can be customized to cater to diverse needs in various scenarios.



Smooth and Safe

Equipped with LiDAR sensors, stereo vision sensors and image modules for precise positioning and obstacle recognition (multi-modal SLAM). This ensures safety, even in low-clearance and suspended obstacle situations, providing the ultimate security in human-robot shared environments.



Long Battery Life

Capable of meeting 24/7 uninterrupted delivery demands with a quick 15-second battery replacement. It also supports both automatic and manual charging, meeting the needs of various working conditions.



Steady Delivery

With exceptional stability in motion, it adapts seamlessly to complex ground environments. The innovative PID control algorithm maintains stability during acceleration, braking and turning, ensuring a smooth and secure item delivery.