

Atlas Carry





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About The AGV

This AGV is autonomously controlled with natural navigation software. It is an electric autonomous vehicle capable of carrying vertical and horizontal loads with a dolly. Designed to transport loads up to 600 kg in suitable sizes, it can perform pivot and angled turns. The AGV has two charging options: opportunity charging and battery swapping.

Technical Data



Atlas Carry – Technical Specs

Vehicle Type	Carry
Drive Type	Electrical
Usage Type	Natural Navigation
Carrying Capacity	600 kg
Vehicle Dimensions (L x W x H)	1800 x 790 x 360 mm
Vehicle Weight	420 kg
Max Travel Speed Forward / Reverse	60 / 60 m/dk
Max Travel Speed Loaded / Unloaded	60 / 60 m/dk
Position Accuracy	± 10 mm
Brake Type	Electromagnetic
Safety Level	PLd, Category: 3
Battery Type	TPPL – Silica Gel
Network	Wi-Fi or 4.5G
Battery Voltage / Capacity	24 (V) / 185 - 166 (Ah)
Battery Weight	51.2 kg



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Safety Information

The safety area scanners have two (2) protection zones:

1. **Warning Zone (Yellow zone):** If any obstacle enters the zone, the device starts to slow down, reducing its speed to 0.3 m/s.
2. **Protection Zone (Red zone):** If any obstacle enters the zone, the device stops.

