Z5 Series - Cold-Chain RoboVan

The Z5 Cold-Chain is an autonomous refrigerated RoboVan designed for temperature-controlled logistics.
Powered by Zelostech's L4 autonomous driving technology and supported by Super X AI's local deployment and integration capabilities, it provides reliable cold-chain transportation for food, pharmaceuticals, groceries, and other temperature-sensitive goods.
With dual-zone refrigeration from −20°C to 12°C, intelligent fleet management, and autonomous cargo operations, the Z5 Cold-Chain helps improve delivery reliability, reduce manual handling, and increase cold-chain logistics efficiency.

Applications

- Fresh Food Distribution
- Grocery and Food Delivery
- Dairy Delivery
- Frozen Goods Distribution
- Pharmaceutical Cold-Chain
- Temperature-Controlled Retail



4.6 m³
Cargo Volume

1555 kg
Payload Capacity

−20~12 °C
Refrigeration Temperature Range

180 km
Maximum Range
Standard Battery Capacity

Z5

Cold-Chain RoboVan

Product Specifications

Vehicle Model	Z5 Cold-Chain RoboVan
Dimensions (mm)	3727 × 1493 × 2195
Cargo Interior Dimensions (mm)	3231 × 1303 × 1103
Minimum Ground Clearance (mm)	150
Maximum Wading Depth (mm)	255
Minimum Turning Radius (m)	4.8
Maximum Climbing Gradient	20%(11.3°)
Maximum Speed (km/h)	40
Operating Temperature (°C)	-30 to 60
IP Rating	IP55
Maximum Range (km)	180
Payload (kg)	1555
Cargo Volume (m^3)	4.6
Vehicle Body Color	Starlight White / Glacier Blue
Locking System	Mechanical Rod Lock
Power Battery Type	Lithium Iron Phosphate
Battery Capacity (kWh)	40.8
Fast charging time (30%-80% SOC)	30min
Slow charging time (30%-80% SOC)	3.3h [1]
Peak Refrigeration Power (W)	1800
Refrigeration Temperature Range (°C)	-20 to 12
Refrigeration Control Method	APP Control

* 1: Measured using the supplied 32 A portable EV charger.

Super X Ai reserves the final right of interpretation for product models, specifications, and manual content.