

LF10-V AMR

The LF10-V AMR with its high payload capabilities will help to streamline your operations, boosting productivity, and saving valuable resources. Equipped with lifter module to cater for your unique facility specifications and business needs.



BASIC INFORMATION

Model Number	LF10-V
Lifting Payload	1000 kg
Lifting Height	60 mm
Driving System	Differential Drive
Navigation System	Natural Feature Navigation • Optional marker for precision
Maximum Speed	2.0 m/s (7.2 km/h) • Travelling max speed is recommended to undergo Risk Assessment as well
Base Dimension	Length: 1145 mm Width: 815 mm Height: 260 mm
Stopping Accuracy	Laser Sensor (Natural Feature): ± 50 mm, $\pm 2^\circ$ Laser Sensor (Marker/Docking): ± 10 mm, $\pm 1^\circ$
Turning Radius	0 mm

POWER

Running Time (100% to 10%)	8 hours
Charging Time (10% to 90%)	1.5 hours
Charging : Running Time Ratio	1:5
Charging Method	Manual Charge: Through cable Auto Charge: Dock charging through charging station
Battery Type	LiFePO4
Battery Voltage	48 V
Battery Capacity	27 Ah

SAFETY FEATURE

Emergency Switch	2 Units
2D Obstacle Laser Scanner	3D Camera 2D Obstacle Laser Scanner Physical Bumper
Indicator	LED lighting Speaker

INTERFACE & CONTROL SYSTEM

Operating System	Standalone (NavWiz) / Fleet Management System (DFleet)
Language	English
User Interface	Physical Buttons 5", 800x400 pixels, Capacitive Touchscreen
Communications	802.11 a/b/g/n, 2.4GHz / 5GHz WiFi Open WiFi WPA & WPA2 Personal WPA & WPA2 Enterprise

ENVIRONMENT

Operating Environment	Indoor usage only, with no excessive dust or corrosive gases
Floor Requirement	Level surface or concrete no water, no oil, no dirt

