

# RM-LF

AUTONOMOUS MOBILE ROBOT



*robomate*

RM-LF-02

## RM-LF



200kg Payload



Ergonomic Design



Lifting Payload Handling



### BASIC INFORMATION

Base Dimension	Length: 804 mm
	Width: 572 mm
	Height: 345 mm

Ground Clearance	55 mm
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Carry Payload	200 kg
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Lifting Height	60 mm
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### PERFORMANCE

Maximum Speed	1 m/s ( 3.6 km/h)
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Stopping Accuracy	$\pm 100$ mm $\pm 2^\circ$
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Maximum Gradeability	3% / 1.72°
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### DRIVING & NAVIGATION

Navigation System	Laser-based Natural Feature
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Turning Radius	0 mm
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## SAFETY

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Protective Devices	Emergency Switch, Physical Bumper, Safety Laser, 3D Camera, Ultra-sound, Infrared,
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Indicator	LED Lighting
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## POWER

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Running Time	8 hours
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Charging Method	Auto Charge: Dock charging through charging station Manual Charge: Through cable
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Battery	38.4 V / 25 AH LiFePO4
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## INTERFACE

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Language	English
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Operating System	NavWiz
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Screen	7" , Capacitive touchscreen
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Communications	802.11 a/b/g/n, 2.4GHz / 5GHz WiFi, Open WiFi, WPA & WPA2 Personal, WPA & WPA2 Enterprise
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