

 ROBOPLANET

# PUMA M20

Omni-Terrain Operations | Travel Light



**Unleash the Power of Mobility Where Agility**  
Meets Intelligence Compact Powerful  
**Unstoppable**

Your Trusted Companion for Every Challenge

 INMOTION  
ROBOTIC

## SPECIFICATIONS

Dimension

Weight

Payload Unloaded

Endurance/Range Loaded

Endurance/Range

Ingress protection

Temperature

Max. Speed [1]

Field Operating Speed Step/

Obstacle's H

Slope[2]

Computing Power

LiDAR

Wide-angle Camera

SLAM Mapping & Navigation

Omni-Directional Obstacle

Avoidance[3] Point Cloud Surround

View[4]

Auto Charging

Front/Rear LED Lights

Hot-Swappable Battery

Hardware Interfaces

## PUMA M20

0,82 m x 0,43 m x 0,57 m

33 kg

15 kg

3 h / 15 km

2,5 h / 12 km

IP66

-20°C~55°C

5m/s

2m/s

25cm

45°

Dual Octa-Core 64-bit Industrial Processors  
(16GB+128GB)

×2

×2

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Gigabit Ethernet, Power Port (72V )

[3][4] This feature will be available via a future OTA update.

[2] Lab-tested data; actual performance may vary by surface material.

[1] Lab-tested extreme data; speed limited to 3m/s for safety.

# ROBOPLANET

- Backpack-sized for easy transport
- Navigate freely through 50 cm narrow passages
- IP66 Protection Rating
- Operate in temperatures from -20°C to 55°C

**INMOTION**  
ROBOTIC



Agile and Versatile: Suitable for Multiple Application Scenarios



Extreme Environments  
Continuous Operation



Industry-Leading Performance



Payload  
15kg



Max. load  
50kg



Endurance  
2.5h



Stair-climbing  
height 25cm

Ultra-Wide Joint Mobility Range  
Seamless "transformation", switch freely between "front elbow/rear knee" and "full elbow" leg configurations to adapt to diverse scenarios.



Lighter, Faster, Smarter  
The all-new PUMA M20 debuts as a medium-sized, agile, and portable robot with industry-leading capabilities for harsh environments.



Parameters are based on official test data; actual performance may vary in real-world conditions. [www.inmotionrobotic.com](http://www.inmotionrobotic.com)

[INFO@ROBO-PLANET.COM](mailto:INFO@ROBO-PLANET.COM)