



Reliable

The RMP 210 has two lithium-ion batteries that provide a run time of ~8 hours of operation or ~24 hours in standby. To charge the batteries, simply connect the charger cable.

Compact

With its small footprint and ability to turn in place, the RMP 210 is ideal for applications where the propulsion system is meant to be unobtrusive. At only 481 mm (18.9 inches) tall, the RMP 210 leaves plenty of room for mounting other equipment wherever you need it.

Powerful

With a maximum velocity of 8.0 m/s (18 mph) and a peak torque of 50 N·m per wheel, the RMP 210 is capable of moving incredibly fast. This means there's plenty of head room to perform flawlessly with payloads up to 45 kg (100 lbs).

Controlled

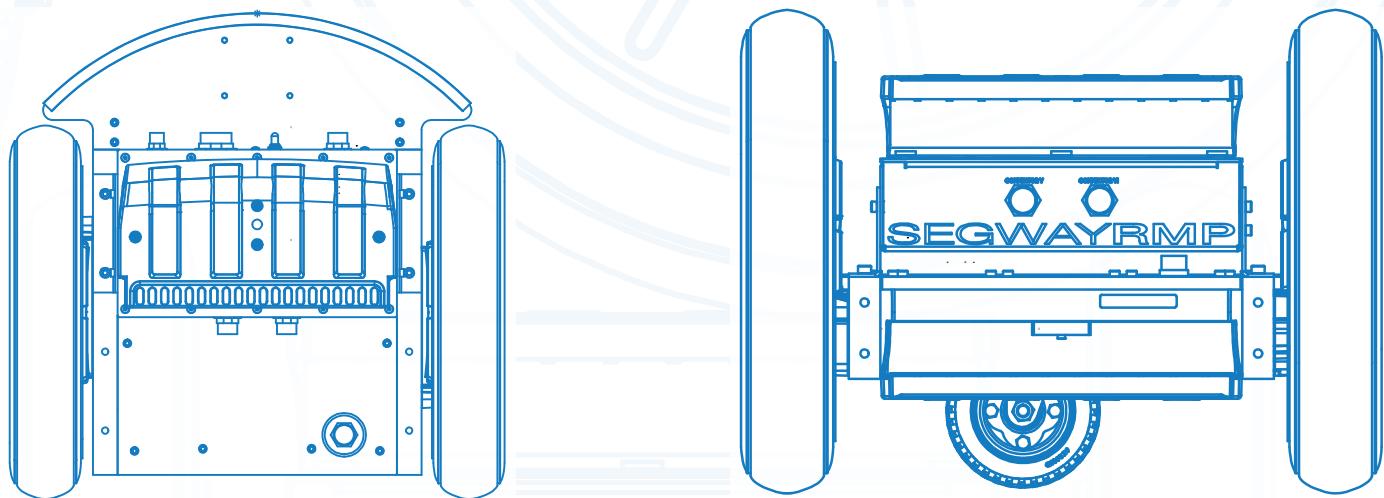
All this power is under your control via commands sent over Ethernet, USB or CAN bus. The RMP acts as a single unit as it receives commands, performs the requested actions and provides feedback at up to 100 Hz.

The performance characteristics and amount of feedback are configurable. You can control how the RMP responds to commands so movement is smooth and controlled. In addition, you can limit the amount of feedback provided so you only see the variables that matter to you.

One Interface, Many Mobility Platforms

Segway's entire line of RMPs share a single communications structure. This makes it easy to change mobility platforms, even at a late stage in development. If your requirements change you don't have to worry about rewriting your control software; simply swap one RMP for another and keep going.

- Built with high-power, extended range, proven and reliable Segway® propulsion technology
- Passive stability via the third wheel simplifies operation and increases confidence around bystanders



RMP 210 SPECS

OVERALL DIMENSIONS	625 x 637 x 481 mm	BATTERY CHEMISTRY	LiFePO ₄	MAX SPEED	8 m/s
PLATFORM WEIGHT	52 kg (115 lbs)	RUN TIME	up to 24 h	MAX SLOPE	10°
CLEARANCE	93 mm (3.7 in)	CHARGE TIME	2-3 h	PEAK TORQUE (per wheel)	50 N·m
MAX PAYLOAD	45 kg (100 lb)	PROPELLION BATTERY CAPACITY	380 Wh	MAX RANGE	25 km (15 mi)