210

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. The final product is limited only by your imagination.

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).

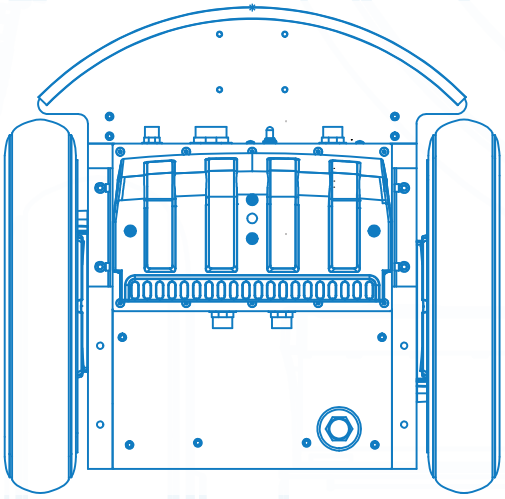
Controlled
All this power is under your control via commands sent over Ethernet, USB or CAN bus. The RMP acts as a single unit as it receives commands, performs the requested actions and provides feedback at up to 100 Hz.

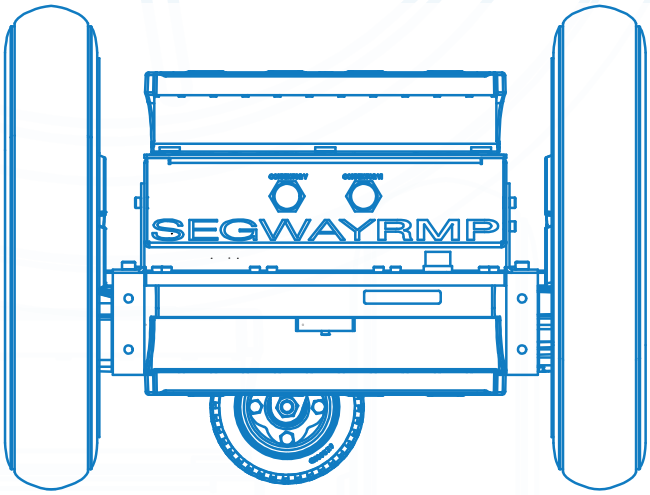
The performance characteristics and amount of feedback are configurable. You can control how the RMP responds to commands so movement is smooth and controlled. In addition, you can limit the amount of feedback provided so you only see the variables that matter to you.

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.

210

- 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
- Can be switched off without falling over
- Low cost, entry level system with the same interface for easy migration between platforms





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)	**PROPULSION BATTERY CAPACITY**	380 Wh	**MAX RANGE**	25 km (15 mi)
COMMUNICATION	Ethernet, CAN, USB	**AUXILIARY BATTERY CAPACITY**	380 Wh	**INGRESS PROTECTION**	IP66