



VULCAN

Datasheet





Vulcan

An Autonomous Cleaning Robot

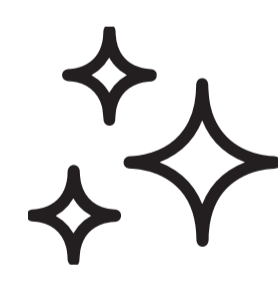
Step into the world of modernized heavy-duty cleaning with Vulcan, our remarkable Autonomous Floor Cleaning Robot. Vulcan represents the epitome of innovative cleanliness solutions, offering a paradigm shift in the way we approach cleaning tasks across a myriad of settings. Vulcan seamlessly integrates with your daily operations, enhancing cleaning efficiency like never before.

Vulcan combines cutting-edge technology with a sleek and efficient design, providing an array of benefits that redefine cleanliness and hygiene. From efficiently sweeping through commercial offices to ensuring spotless conditions in hospitals, Vulcan's capabilities span across multiple industries. No more laborious, manual cleaning – Vulcan is the smart, proactive solution that elevates the standard of cleanliness.

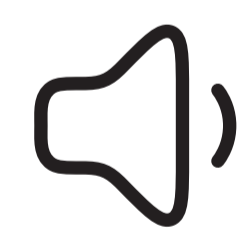
Key Features



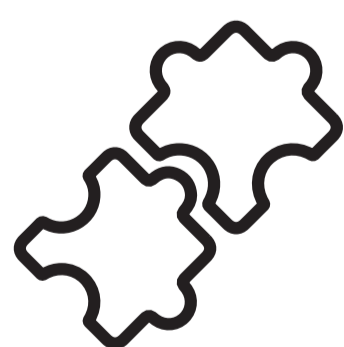
Automatic Fill, Purge & Charge



High Efficiency Cleaning



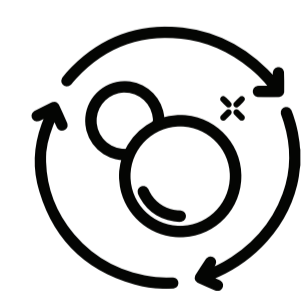
Low Noise Mode



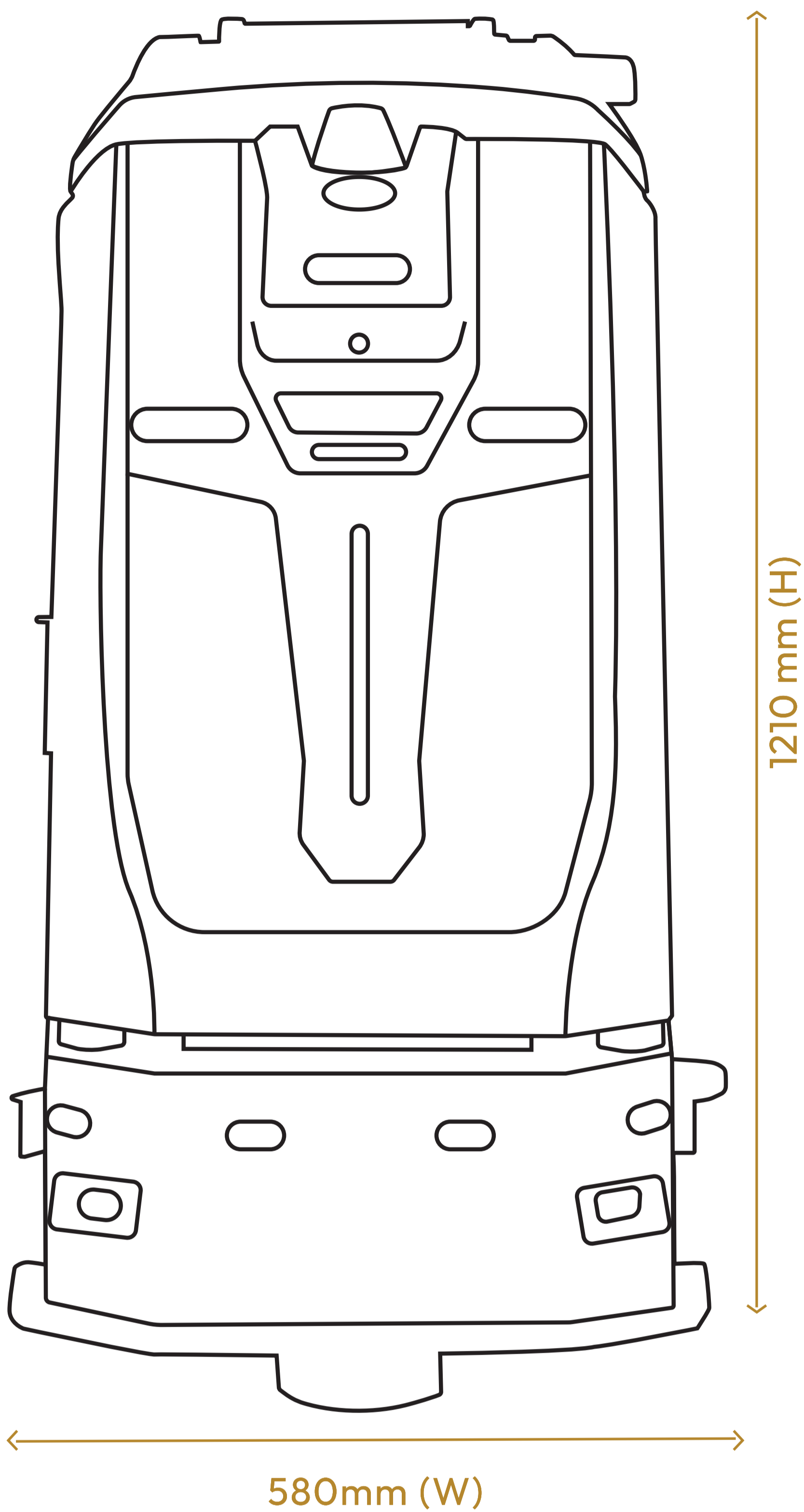
Easy Assembly & Disassembly



Digital Management



Autonomous Cleaning



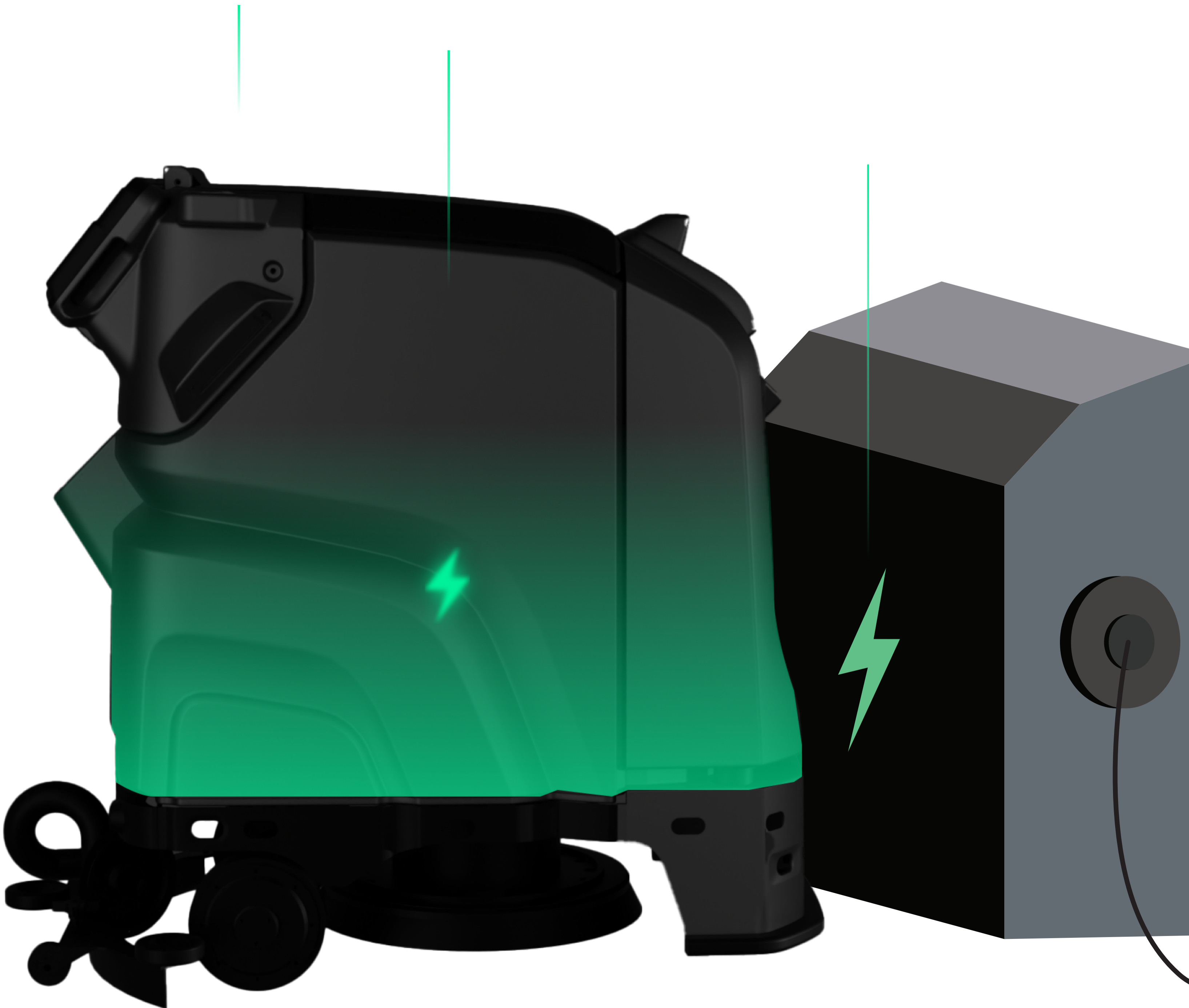
Physical Specifications

Color	Black
Weight	254 kg
Scrub Deck Width	510mm
Suction rack width	790mm
Clean water tank volume	70L
Sewage tank volume	50L

Power and Battery Systems

Vulcan takes the hassle out of maintaining your equipment. It automatically handles filling, purging, and charging processes, ensuring your cleaning operations run smoothly. Say goodbye to manual interventions and hello to increased cleaning efficiency.

Battery Type	Lead Acid / Lithium-Ion
Battery Life	4 hours / 3.5 hours
Battery Voltage	DC24V / 25.6V
Battery Capacity	120Ah / 100 Ah
Overcurrent Protection	Yes
Intelligent Power Management	Yes
Power Button	Yes





Performance Specifications

Vulcan is the ultimate heavy-duty industrial cleaning robot. Designed to withstand tough conditions, it excels in demanding environments. Whether dealing with stubborn debris or challenging surfaces, Vulcan's powerful suction and advanced technology guarantee top-notch performance.

Specification	Lead-acid battery	Lithium battery
Ground pressure	27kg	27kg
Pressure Per Unit Area	13.2g/cm2	13.2g/cm2
Speed	4km/h	4km/h
Work Efficiency	2040m2/h	2040m2/h
Gradeability	6%	6%
Working Hours	4h	3.5h
Navigation Scheme	Vision + Laser	Vision + Laser

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