

Technical Data Sheet - HERBIE M

HERBIE M - Base Module

Article Number: HER-BAMR01



Dimensions [L x W x H]	700 x 500 x 225 mm
Weight	Battery Swap: 42 kg Inductive Charging: 48 kg
Permissible Total Weight	250 kg
Max. Speed	2 m/s (depending on max. total weight)
Navigation	Hybrid: Optical, Landmark-based, odometrics
Communication	WiFi
Safety System	Lidar-Scanner
Protection Class	IP20 (optional: IP54)
Charging System	Battery Swap Or Induction
Battery-Type	Lithium Ferrophosphate (LFP)
Operating Voltage	48 V
Capacity	Battery Swap: 15 Ah Inductive Charging: 30 Ah
Charging Current	Battery Swap: 3 A Inductive Charging: 20 A
Permissible Operating Temperature	+ 0 °C to + 45 °C
Communication Interfaces To Top Modules	Ethernet, CANOpen, Digital IO
Power Supply For Top Modules	24 V or 48 V, Max. 10 A