

Variants & Specifications–Novus Carry Series

AUTONOMOUS MOBILE ROBOT – AMR

DESCRIPTIONS		AMR 1500	
Payload		Capability	
Maximum payload	1500kg(3300lbs)	Maximum speed	.83m/s(1.8mph)
Dimensions/chassis		Required aisle width (one way traffic)	2150mm or as per standard
Length	1740mm(68.5in)	Required aisle width (two way traffic)	4300mm or as per standard
Width	1140mm(44.9in)	Positioning accuracy (moving to position)	
Height	380mm(15.0in)	Positioning accuracy (docking)	±10mm
Ground clearance	35mm	Maximum incline/decline	2% pass over
Weight	420kg		
Energy System		Environment	
Battery type		Ambient temperature range, operation	5 to 50 °C
Voltage	48V DC	Humidity	10 to 90% non-condensing
Battery capacity	76.5Ah	IP rating	IP-21
Active operation time with maximum payload	6 hours	Floor conditions	
Active operation time with no payload	10 hours	Technology	
Charging current	40A CCCV	Wi-Fi	
Charge Time	~120 minutes	Interfaces	
Battery Life	2000 cycles standard 3000 cycles optional	Navigation	
Charging Options		Localization	
Safety System			
Safety sensors			
E-Stops			
Signal and status lights			
Design Standards			
International standards	ISO 3691-4, EN-1525, ISO 13849		