

● Standard ○ Optional - None		
Product model		AMB-300JZ
Basic parameters	Product name	Laser SLAM Lifting Robot
	Navigation type	Laser SLAM
	L x W x H	792 x 580 x 250 mm
	Rotation diameter	910 mm
	Weight (with battery)	150 kg
	Maximum load capacity	300 kg
	Chassis ground clearance	25 mm
	Lifting platform dimensions	760 x 545 mm
	Maximum lifting height	60±2 mm
	Navigation laser scanning height	188 mm (H1)
	Ambient temperature and humidity range	TEMP: 0°C to 50°C / RH: 10% to 90%, no compression, no condensation
Performance parameters	Passability (slope / step / gap)	≤5% / 5 mm / 30 mm
	Minimum aisle width	640 mm
	Navigation position accuracy	±5 mm
	Navigation angle accuracy	±0.5°
	Driving speed	≤1.5 m/s
Battery parameters	Battery specifications	48 V / 20 Ah (lithium iron phosphate)
	Comprehensive battery life	8 h
	Charging time (10% to 80%)	≤1 h
	Charging method	≤1H
	Charging method	Manual / Automatic / Fast battery swap
Configurations	Lidar number	1 (H1) +1 (C2)
	E-stop button	●
	Speaker	●
	Ambient lamp	●
	Bumper strip	●
Function configurations	Basic functions	●
	Wi-Fi roaming	●
	Automatic charging	●
	Shelf recognition	●
	Precise positioning with QR code	○
	QR code navigation	○
	Laser reflector navigation	○