PUDU T300、PUDU T600、PUDU T600 Underride Comparisons

PUDU

	PUDU T300	PUDU T600	PUDU T600 Underride
Appearance			
Product Definition	Industrial Delivery Robot	Heavy-payload Industrial Delivery Robot	Flexible & Efficient Industrial Delivery Platform
Dimensions	835 mm × 500 mm × 1350 mm (32.9 in * 19.7 in * 53.1 in)	960 mm × 500 mm × 1350 mm (37.8 in * 19.7 in * 53.1 in)	845 mm × 500 mm × 255 mm (33.3 in * 19.7 in * 10.0 in)
Max Payload	300 kg (661 lbs)	600 kg (1322 lbs)	600 kg (1322 lbs)
Path Clearance	60 cm (23.6 in)	70 cm (27.6 in)	65 cm (25.6 in)
Navigation	VSLAM + LiDAR SLAM	VSLAM + LiDAR SLAM	LiDAR SLAM only
Scheduling Method	Distributed Self-Organizing Network Scheduling	Distributed Self-Organizing Network Scheduling	Distributed Self-Organizing Network Scheduling
Positioning Accuracy	Standard: ±5 cm (±0.164 ft) Precise Connection: ±1 cm (±0.032 ft)	Standard: ±5 cm (±0.164 ft) Precise Connection: ±1 cm (±0.032 ft)	Standard: ±5 cm (±0.164 ft) Precise Connection: ±1 cm (±0.032 ft)
Obstacle-crossing Capability	Max. surmountable height: 20 mm (0.79 in) Max surmountable gap: 35 mm (1.38 in)	Max. surmountable height: 10 mm (0.39 in) Max surmountable gap: 35 mm (1.38 in)	Max. surmountable height: 10 mm (0.39 in) Max surmountable gap: 35 mm (1.38 in)
Run-time (none load)	12 h	12 h	12 h
Charging Time	2 h (0 to 90%)	2 h (0 to 90%)	2 h (0 to 90%)
Charging Method	Charging Station + Wired Charging + Manual Battery Swap	Charging Station + Wired Charging + Manual Battery Swap	Charging Station + Wired Charging + Manual Battery Swap
Cruise Speed	0.2 ~ 1.2 m/s (0.67~3.94 ft/s)	0.2 ~ 1.2 m/s (0.67~3.94 ft/s)	0.2 ~ 1.2 m/s (0.67~3.94 ft/s)
Core Functionalities	Delivery, Patrol, Lifting, Following, Power-assistance, Conveyor, Towing	Delivery, Patrol, Lifting, Following, Power-assistance, Conveyor, Towing	Delivery, Patrol, Lifting, Conveyor, Towing
IOT Capabilities	Elevator, E-Door Access, Call Button, Dashboard, PUDU Link, Conveyor, Bluetooth Speaker	Elevator, E-Door Access, Call Button, Dashboard, PUDU Link	Elevator, E-Door Access, Call Button, Dashboard, PUDU Link
Optional Accessories	Standard Rack / Tray / Towing Module / Conveyor	Standard Rack / Tray / Towing Module / Conveyor	Standard Rack / Tray / Towing Module / Conveyor
Deployment Method	Push-to-deploy	Push-to-deploy	Push-to-deploy
Screen Size	10.1 in	10.1 in	/

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