



FJD Z42P

AUTONOMOUS ELECTRIC LAWN MOWER

LEVEL UP YOUR MOWING EXPERIENCE

FJD Z42P, the revolutionary autonomous electric lawn mower, redefines mowing with our latest technology. Experience unparalleled flexibility and performance as Z42P effortlessly navigates and mows under trees without interruptions, eliminating the need for RTK signals. Enjoy precise cutting efficiency, superior versatility, and cost savings as FJD Z42P transforms the future of lawn care.



HIGHLIGHTS

Autonomous

- Path Planning
- Centimeter Accuracy
- Real-time Obstacles Detection
- Continuation after Interruptions
- Path Customization

Performance

- Up to 5 Acres per Full-Charge
- Electric Deck Adjustment
- 100% Electric
- 3 Operating Modes

Safety First

- Weight-sensing Seat for Minimized Risks
- Obstacle Sensors for Stopping and Resuming
- Emergency Foot Brake & Lever Brake



PATH PLANNING

With sophisticated algorithms and Real-time Kinematic positioning, Z42P plans and follows a path with centimeter-level accuracy, so you don't skip or overlap.



PATH CUSTOMIZATION

Flexible mowing paths can be set to cope with complex terrains through path memory function.



REAL-TIME OBSTACLE DETECTION

360-degree obstacle detection system ensures the safety of automatic operations.



MULTI-MODE OPERATIONS



Manual Mode

The assisted driving system helps you to perfect your work without holding the levers and truly turn the working time your time. Working is no longer a burden, but a relaxing and enjoyable driving experience.



Remote Control

Control Z42P from as faraway as 2624 ft (800 meters), monitor the mowing status on the tablet, While keeping yourself away from heat, noise, and dust.



Autonomous

The mower equipped with our new fusion technology to perform unmanned operations even in areas with no satellite signal, such as under trees or near tall buildings.

QUICK SPECS

Dimension (L * W * H)	5.36 * 4.28 * 7.46 (ft)	Ground Speed	7.46 mph (12 km/h) max
	1635 * 1305 * 2273 (mm)	Ground Capability	Gradeability:20° ; Parking:16.7°
Weight	738 lb ± 22 lb (335 ± 10 kg)	Max Distance of Remote Control	2,624 ft (800 m)
Deck Cutting Width	42" (1067 mm)	Operation Modes	Manual , Remote Control , Autonomous
Number of Blades	2	RTK Frequency	GPS L1/L2 ; BDS B1/B2/B3 ; Galileo E1/E2/E5a/E5b ; Glonass L1/L2
Cutting Height	1.2"-5.0" (30-127 mm)	Certifications	CE/FCC/SGS-NorthAmerica
Max Working Area (Per Full Charge)	5 acres (20,234m²)		
Battery Capacity	6 kWh / 6.79 kWh(EU Version)		



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