



www.solisworld.com/mowers



IMPECCABLE
PERFORMANCE
AT EVERY TURN

ELECTRIC LAWN MOWER RANGE | **ST42E** **ST30E**
ELECTRIC ZTR ELECTRIC RIDE ON

DESIGNED FOR EASY GRASS MAINTENANCE

Equipped with a high-performance motor and ultra-sharp precision blades, this mower effortlessly powers through thick or uneven grass, delivering a consistently clean and even cut with every pass. Whether you're maintaining a small lawn or a sprawling yard, it ensures a smooth mowing experience with professional-looking results every time.





THE LIGHTNING FAST MOWER THAT MOWS WITH PRECISION

Introducing our cutting-edge line of Lawn Mowers - a fusion of premium design, cutting precision, futuristic technology, and unwavering durability. These mowers are meticulously crafted to redefine your lawn care experience, offering not just a tool but a statement piece for your outdoor space. Whether you seek a manicured lawn or a robust, rugged machine, our Lawn Mowers are designed to cater to all your needs, setting new standards in lawn care excellence.

Our Lawn Mowers stand at the forefront of innovation, incorporating cutting-edge technology that maximizes efficiency and precision. They represent the future of lawn care, excelling on multiple levels - from smart automation to eco-friendly operation, ensuring your lawn is a masterpiece of both form and function.

PREMIUM DESIGN

Our Lawn Mowers boast elegant aesthetics that enhance your outdoor space, turning lawn care into a visual delight.

FUTURISTIC TECHNOLOGY

These mowers are equipped with smart features that elevate your lawn care, making it effortless and convenient.

INNOVATION

Our mowers incorporate cutting-edge technology that revolutionizes your lawn care, setting new industry standards.

SHARP PRECISION

Experience precise cutting with our Lawn Mowers, ensuring a perfectly manicured lawn every time.

TOUGH DURABILITY

Built to last, our mowers are tough and durable, ready to tackle even the most challenging terrains.

MULTI-LEVEL EXCELLENCE

These mowers excel on multiple levels, combining efficiency with eco-friendly operation, ensuring your lawn is both beautiful and sustainable.

ST30E
ELECTRIC RIDE ON

HIGH PERFORMANCE MEETS ENGINEERED PRECISION

Introducing the next generation of lawn maintenance - a state-of-the-art, futuristic lawn mower set to redefine the way you nurture your outdoor oasis. Meticulously crafted with a design that seamlessly harmonizes innovation and aesthetics, this mower stands as a true masterpiece. It sets itself apart with a perfect blend of precision and speed, effortlessly turning your lawn into a stunning canvas of flawlessness. Brace yourself for a fresh era in lawn care, where innovation marries efficiency, and your outdoor ambiance is elevated to unparalleled heights.



LITHIUM ION
BATTERY



MOBILE
HOLDER



3 NO. OF
SPEED



MAXIMUM SPEED
9.6 KMPH

MOW UPTO
1 ACRE
IN SINGLE CHARGE



Vivid 5" Color TFT In-Car Screen

- Immerse yourself in a vibrant display, enhancing your driving experience.
- Choose your preferred language from English, German, French, or Spanish for a personalized interface.
- Access crucial information with clarity and ease, thanks to this intuitive and multilingual in-vehicle display.



Robust Tubular Frame for Exceptional Strength

- Experience the epitome of ergonomic design for a comfortable and effortless ride.
- Our operator space goes beyond the industry standard, offering superior comfort and functionality.
- Enjoy a riding experience like no other, where every detail of our design prioritizes your ease and satisfaction, setting new benchmarks in operator comfort.



Operator Comfort Redefined

- Exceptional ergonomics for a comfortable riding experience.
- Unparalleled operator space that sets the standard.
- Enjoy effortless riding with our best-in-class design.



Optimal Grass Cutting Settings: 1.5" – 5"

- Achieve the best grass cutting results with an extensive range of height adjustments.
- Customize your lawn's appearance with precision, thanks to our versatile height settings.
- From a manicured look to a well-maintained wildflower meadow, our mower provides the flexibility you need for top-tier grass cutting.



Interactive Digital User Interface Dashboard

- Precision, power, and innovation come together in a single package with the Solis S130E EV Lawn Mower.
- Equipped with a state-of-the-art Digital User Interface Dashboard, this lawn expert can help you elevate your gardening routine like a pro while ensuring seamless control and exceptional performance across the lawn.



Leverage 3 Mowing Choices & Tangle-Preventing Performance with 750W Motor

- Adaptable Mowing Modes: Embrace the convenience of three customizable cutting modes, tailored to your lawn care requirements.
- Clog-Free Operation: Bid farewell to obstructions and interruptions with the De-tangle function, guaranteeing a smooth mowing process.
- Effortless Lawn Maintenance: Enjoy a stress-free lawn care routine, all thanks to a mower that averts tangles while preserving your lawn's pristine appearance.



Customized E-Axle: Tailored Gear Ratio for Enhanced Speed

- Performance Customization: A personalized gear ratio that matches your preferences, allowing you to optimize your vehicle's performance.
- Rapid Acceleration: The customized gear ratio boosts acceleration, ensuring your vehicle reaches higher speeds swiftly with control and efficiency.
- Effortless Velocity: Effortlessly attain greater speeds, enhancing the joy of your everyday tasks.



Unified Inverter, Converter, and Complete CAN-Compliant Electrical System

- Simplified Unification: This function consolidates the inverter and converter into one coherent unit, simplifying the system and promoting compatibility.
- Improved Connectivity: CAN-compliant electrical architecture guarantees reliable and effective communication among vehicle components.
- Ease of Maintenance: Integrated components ensure compliance and easy maintenance, lowering downtime and operational expenses.



Effective Vehicle Control System with Built-in Gradient Sensors

- Improved Handling: The compact vehicle control system offers precise control, facilitating easy navigation across diverse terrains.
- Instant Gradient Analysis: Integrated gradient sensors continuously monitor the terrain, providing real-time data for a smooth and secure ride.
- Enhanced Performance: Enable intelligent terrain adaptation, optimizing efficiency and overall vehicle performance.



Efficient Fast Mobile Charging Port

- Unleash the power of swift charging with the Solis S130E EV Lawn Mower. Stay focused on your lawn care with its Fast Mobile Charging Port, providing rapid charging to your smartphone.
- Embrace the efficiency of modern lawn care while saying goodbye to downtime and hello to efficiency.

SOLIS
ELECTRIC RIDE ON

BREAKTHROUGH PERFORMANCE ACROSS LAWNS

Introducing the future of lawn care - a cutting-edge, futuristic lawn mower that's poised to revolutionize the way you maintain your outdoor space. With a design that seamlessly blends innovation and aesthetics, this mower is a true work of art. Precision and speed are its defining characteristics, as it effortlessly transforms your lawn into a masterpiece of manicured perfection. Get ready for a new era of lawn mowing where innovation meets efficiency, and your outdoor experience is elevated to a whole new level.

MAXIMUM SPEED **14 KMPH**

MOW UPTO **2 ACRES**
IN SINGLE CHARGE



LITHIUM ION
BATTERY



MOBILE
HOLDER



ECO/CONTROL/SPORT
12 (3modesx4speeds)





Vivid 5" In-Vehicle Color Display with Multilingual Support

- Immerse yourself in the clarity of a vibrant 5-inch display, enhancing your driving experience.
- Choose from four language options - English, German, French, or Spanish -for a personalized and inclusive interface.
- Access crucial vehicle information with ease and clarity, thanks to the intuitive multilingual in-vehicle display that caters to a diverse range of users.



Unmatched Operator Comfort

- Experience the epitome of ergonomic design for a comfortable and effortless ride.
- Our operator space goes beyond the industry standard, offering superior comfort and functionality.
- Enjoy a riding experience like no other, where every detail of our design prioritizes your ease and satisfaction, setting new benchmarks in operator comfort.



Rugged Tubular Frame for Unwavering Strength

- Trust in the enduring strength of our high-quality tubular structure, ensuring safety and longevity.
- This robust frame is purpose-built to withstand the harshest conditions, providing lasting durability.
- Whether you're on or off the road, our vehicle's structural integrity remains unwavering, backed by our rugged tubular construction.



Precision Grass Cutting Settings: 1.5" – 5"

- Achieve immaculate grass cutting results with our versatile range of height adjustments.
- Customize your lawn's appearance with precision, courtesy of our exceptional deck height settings.
- From pristine lawns to perfectly maintained meadows, our mower offers the flexibility you need for superior grass cutting, setting the standard for lawn care.



Insightful Digital User Interface Dashboard

- Seamlessly combines precision, power, and innovation into a singular, high-performance package.
- Featuring an advanced Digital User Interface Dashboard, this lawn expert empowers you to elevate your gardening prowess to professional levels, offering effortless control and unparalleled performance throughout your lawn.



Powering 3 Cutting Modes & De-tangled Operations with 750W Motor

- Versatile Cutting Modes: Enjoy the convenience of three cutting modes, adapting to your specific lawn care needs.
- Tangle-Free Functionality: Say farewell to clogs and interruptions with the De-tangle feature, ensuring a seamless mowing experience.
- Efficient Lawn Care: Experience a hassle-free lawn care routine, thanks to a mower that prevents tangles and keeps your yard looking its best.



Efficient Vehicle Control Unit with Integrated Gradient Sensors

- Enhanced Control: The compact vehicle control unit empowers you with precise control, allowing you to navigate various terrains with ease.
- Real-time Gradient Sensing: The integrated gradient sensors provide real-time data, ensuring a smooth and safe ride, even on challenging slopes.
- Optimized Efficiency: With this feature, your vehicle can intelligently adapt to changes in terrain, optimizing efficiency and enhancing overall performance.



Seamless CAN Integration

- Streamlined Integration: This feature combines the inverter and converter into a seamless unit, reducing complexity and enhancing compatibility.
- Enhanced Communication: The fully CAN-compliant electrical architecture ensures consistent and efficient communication between vehicle components, resulting in optimized performance.
- Simplified Maintenance: With integrated components and compliance, maintenance becomes more straightforward, reducing downtime and operational costs.



Customized Gear Ratio for Elevated Vehicle Speed

- Personalized Performance: A customized gear ratio that aligns with your preferences, allowing you to fine-tune your vehicle's performance.
- Swift Acceleration: The tailored gear ratio enhances acceleration, ensuring your vehicle can reach higher speeds rapidly while maintaining control and efficiency.
- Effortless Speed: Effortlessly achieve higher speeds, making your journeys faster and more enjoyable, whether you're commuting or exploring the open road.



Effective Fast Mobile Charging Port

- Harness the swiftness of rapid charging using the Solis S142E EV Lawn Mower. Maintain your lawn with unwavering attention, thanks to its Fast Mobile Charging Port that offers quick smartphone replenishment.
- Embrace the pinnacle of contemporary lawn maintenance and bid farewell to idle moments while welcoming a new era of productivity.

TECHNICAL SPECIFICATIONS



ST42E
ELECTRIC ZTR

FEATURES	ST42E ELECTRIC ZTR
Battery Type	Lithium Ion
Battery Voltage	50.4V
Battery Amps-h	45Ah
Total Power	2.6 Kwh
Removable Battery	01
Mow Runtime	Up to 2hrs.
Size of Yard Coverage On One Charge	Upto 2 Acres
Charge Time Standard	Up to 2 - 2.5 hrs
Storage Temperature Range	-20°C to 50°C
Drive Speed No. of Modes	5 Speeds Clockwise & 1 Anticlockwise
Drive Speed Mode	ECD/Control/Sport 12 (3modesx4speeds)
Weight	≤225 Kg. ± 3% Weight variation
Control Panel	5" TFT Display
Floor Mats	Yes
Lights	Front LED
Forward Speed Max	14 Km/h
Reverse Speed Max	5.6 Km/h
Cut Ranges	1.5" - 5"

FEATURES	ST30E ELECTRIC RIDE ON
Battery Type	Lithium Ion
Battery Voltage	50.4V
Battery Amps-h	30Ah
Total Power	1.75 Kwh
Removable Battery	01
Mow Runtime	Up to 1hrs.
Size of Yard Coverage On One Charge	Upto 1 Acre
Charge Time Standard	Up to 2 - 2.5 hrs
Storage Temperature Range	-20°C to 50°C
Drive speed No. of Modes	3 Speeds Clockwise & 1 Anticlockwise
Drive Speed Mode	3
Weight	≤ 183 kg(with standard batteries), ≤ 170 kg (w/o batteries)± 3% Weight
Control Panel	5" TFT Display
Floor Mats	Yes
Lights	Front LED
Forward Speed Max	9.6 Km/h
Reverse Speed Max	5 Km/h
Cut Ranges	1.5" - 5"



ST30E
ELECTRIC RIDE ON