

SDSM32 (FORMERLY ECOMOW S32) Zero-Turn Electric Mower

Super Compact + Commercial Power

With super low noise levels, it's as quiet as suburban traffic – allowing operators to cover more ground without the risk of public disturbance.



SDSM32

Extremely compact and powerful with up to 7 hours of continuous mowing on a single charge.



Features & Benefits

- Quiet operation minimizes noise pollution, suitable for sensitive areas.
- Up to 7 hours of continuous mowing per charge allows extended use over large properties without interruption.
- 15° slope capability ensures stability and safety when operating on inclined terrains
- Rear grass discharge offers flexibility to adapt to different mowing needs and preferences.
- Compact width to fit a standard gate facilitates easy navigation in confined spaces, improving efficiency.

Technical Specifications

Mower deck

Deck Type	Fabricated 1/4" Aluminium
Cutting Width/Blades	32" (81cm) / 2 blades
Deck Height	Single Handed, Manual 3.8 - 12.7cm
Deck configuration	Rear Discharge
Anti-scalp dual support wheels	4

Battery

Run time	Up to 7 Hours
Battery life	Up to 9000 mowing hours
Battery power	11kWh
Charge time	6.5 hours (240VAC)

Power System

Powertrain	Impulse Drive System (IDS)*
Drive Motor Power	5.5kW (2ea 2.75kW motors)
Deck Motor Power	6.8kW (2ea 3.4kW motors)
Comparable horsepower	24 HP gas equivalent

Ratings/Dimensions

Slope rating	15 degrees
Weight	385kg
Wheel size	Front 11" x4", Rear 36" x 20
Length/Width/Height	165cm L x 93cm W x 122cm H

Operations

Deck Lift	Manual
Forward speed	0-14.4 km/ph
Reverse speed	0-4.8 km/ph
Sound level	83db
Blade tip speed (high/low)	16,000 fpm
Parking brake	Electromagnetic
Drive speed (high/low) switch	Yes
Blade speed (high/low) switch	Yes
Drive/component cooling system	Yes
Operator touchscreen display	Yes

Standard Options

Bolsted Thigh/Knee Pad	Included
Mobile Phone Holder	Included
USB Charge Port	Included

Additional Options

LED Floodlights	Option
LED Amber Flashing Beacon	Option
Aluminium Grass Catcher	Option
Jack Kit	Option

Safety Standards

Mower/battery safety compliance	ANSI B71.1-2012, United Nations UN 38.3 Certified. Europe CE pending.
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