

SDSM52 (FORMERLY ECOMOW S52)

Zero-Turn Electric Mower

Low Noise + High Agility

With super low noise levels of just 78 decibels, it's no louder than light suburban traffic - allowing teams to start earlier and cover more ground with less disturbances. SDSM52 Ride-On Mower delivers seven and half hours of continuous mowing - up to 10 acres - on a single charge.



SDSM52

Super quiet and manoeuvrable with up to 10 acres of continuous mowing on a single charge.



Features & Benefits

- Quiet operation at just 78dB minimizes noise pollution, suitable for sensitive areas.
- Up to 7.5 hours of continuous mowing per charge (up to 10 acres) allows extended use over large properties without interruption.
- Maximum speed of 18.5 km/h enables faster mowing, reducing time spent on large areas.
- 20° slope capability ensures stability and safety when operating on inclined terrains.
- Michelin TWEEL® airless radial tyres (front) eliminate the risk of flats, reducing downtime and maintenance.
- Highly manoeuvrable for tight areas facilitates easy navigation in confined spaces, improving efficiency.

Technical Specifications

Mower deck

Deck Type	Fabricated 6.35mm aluminium
Cutting Width/Blades	52" (132cm) / 3 blades 60" (152cm) / 3 blades
Deck Height	Electric 4-14cm
Side discharge deck	Vortex
Rear discharge/mulching deck option	Vortex
Anti-scalp dual support wheels	4

Battery

Run time	Up to 3 Hours
Battery life	6000 to 9000 mowing hours
Battery power	22 kWh pack
Charge time	12 hours (240VAC)

Power System

Powertrain	Impulse Drive System (IDS)™
Drive Motor Power	8.25 kW (3ea 2.75 kW motors)
Deck Motor Power	6.8 kW (2ea 3.4 kW motors)
Comparable horsepower	36 HP petrol equivalent

Ratings/Dimensions

Slope rating	20 degrees
Weight	535 kg
Wheel size	Front 13", Rear 24" x 12"
Length/Width/Height	52"SD: Chute down = 167cm W Chute up = 137cm W 52"RD: 138cm W 60"SD: Chute Down = 184cm W Chute up = 154cm W 60"RD: 156cm W 52": 183cm L x 130cm H 60": 183cm L x 130cm H

Operations

SMARTDECK™ Electronic Deck Lift	Yes
Forward speed	0-18.5 km/ph
Reverse speed	0-8 km/ph
Sound level	78db
Blade tip speed (high/low)	5486 m/min / 5029 m/min
Parking brake	Electromagnetic
Drive speed (high/low) switch	Yes
Blade speed (high/low) switch	Yes
Drive/component cooling system	Yes
Operator touchscreen display	Yes

Additional Options

Standard Michelin front wheels	Option
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Safety Standards

Mower/battery safety compliance	ANSI B71.1-2012, United Nations UN 38.3 Certified. Europe CE pending.
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AUSTRALIA WIDE
T: 1800 100 150
www.ecoteq.com.au/

