

# SDM60 (FORMERLY ECOMOW R60)

## Zero-Turn Electric Mower

### High Versatility + Operator Comfort

The 100% electric Impulse Drive System™ produces horsepower comparable to a 36hp gas mower and maximum speeds of 18kmh- with low noise and zero emissions.



# SDM60

All-day performance and comfort with up to 15 acres of continuous mowing on a single charge.



## Features & Benefits

- Quiet operation at just 78dB minimises noise disruption in public or residential areas.
- 20° slope capability ensures safe and stable operation on inclined terrain.
- Interactive Touch Screen Display offers intuitive control and real-time machine data for the operator
- SmartDeck Rapid Height Deck Lift System enables fast and precise adjustment of cut height.
- Side or rear grass discharge option provides flexibility for various mowing conditions.
- Michelin TWEEL airless radial front tyres eliminate flats and improve reliability.
- High manoeuvrability allows easy access and control in tight or confined areas.

## Technical Specifications

### Mower deck

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

### Battery

Run time	Up to 7 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) <sup>TM</sup>
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 <sup>TM</sup> 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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