

SDM48 (FORMERLY ECOMOW R48)

Zero-Turn Electric Mower

Commercial Power + Maximum Comfort

Powered by a lithium ion battery, the SDM48 Ride-On Mower delivers horsepower comparable to a 28hp diesel mower, allowing it to operate safely at speeds of up to 13.8km/ph.



SDM48

Outstanding performance for large residential areas with up to 5 acres of mowing on a single charge.



Features & Benefits

- Quiet operation at just 78dB minimizes noise pollution, suitable for sensitive areas.
- Up to 5 acres of mowing on a single charge allows extended use over large properties without interruption.
- Maximum speed of 13.8 km/h enables faster mowing, reducing time spent on large areas.
- 15° slope capability ensures stability and safety when operating on inclined terrains.
- Choice of side or rear grass discharge offers flexibility to adapt to different mowing needs and preferences.
- Michelin TWEEL® airless radial tyres (front) eliminate the risk of flats, reducing downtime and maintenance.

Technical Specifications

Mower deck

Deck Type	Fabricated 11 gauge steel
Cutting Width/Blades	48" (122cm) / 3 blades
Deck Height	Manual 4cm - 12cm
Rear discharge/ mulching deck option	Vortex
Anti-scalp dual support wheels	2

Battery

Run time	Up to 3 Hours
Battery power	7.2kWh
Charge time	6.5 hours (240V 10amp)

Power System

Powertrain	Hydrgear Zt2800e
Drive Motor Power	4.5kW (3ea 1.5kW motors)
Deck Motor Power	3kW (2ea 1.5kW motors)
Comparable horsepower	28 HP diesel equivalent

Ratings/Dimensions

Slope rating	15 degrees
Weight	345 kg
Wheel size	Front 11", Rear 22"
Length/Width/Height	180cm L x 123cm W x 122cm H (ROPS up)

Operations

SMARTDECK™ Electronic Deck Lift	No
Forward speed	0-13.8 km/ph
Reverse speed	0-4.8 km/ph
Sound level	77db
Blade tip speed (high/low)	5334 m/min
Parking brake	Electromagnetic
Drive speed (high/low) switch	Yes
Blade speed (high/low) switch	Yes
Drive/component cooling system	No
Operator touchscreen display	Yes

Standard Options

Comfort suspension seat	Included
Dual cup holder	Included
Dual USB Charge Ports	Included
LED Floodlights	Included

Additional Options

Rear tweel wheel	Option
Michelin front tweels	Option

Safety Standards

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