

MEARTH

RS Series

THE ULTIMATE LONG-RANGE E-SCOOTER



Mearth RS

Mearth RS Pro



Take on Longer Trips with Ease

The Mearth RS Series

offers everything that you need for your daily trips.

The Mearth RS features powerful battery capacity, allowing you to take longer trips anywhere and anytime. The Mearth RS features a 36V/561.6Wh battery capacity that produces a maximum range of 65 km. Meanwhile, ride up to 100 km with the Mearth RS Pro thanks to its 48V/748.8Wh battery.

BATTERY

RS - 36V/561.6WH*
RS Pro - 48V/748.8WH*



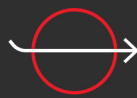
CHARGING TIME

8-9 Hours



TOP SPEED

25-40 Km/hr*
 (Capped at 25kph and guaranteed max speed is 25kph)



MAXIMUM RANGE

RS - 60-65 Km*
RS Pro - 80-100 Km*
 (Range varies by weight and riding condition)



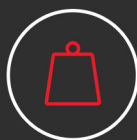
WEIGHT

RS - 23 Kg
RS Pro - 24 Kg



MAX LOAD

100 Kg*
 (with full load riding, range and top speed will be less than the maximum values)



WHEEL DIAMETER

10 Inches



DIMENSIONS

111x50x123 cm



*Disclaimer: Maximum speed is capped at 25km/hr by default. It can be manually overridden by the user to go up to 40km/hr, however we do not recommend going past 25km/hr unless in a safe and controlled environment. The top speed and max range was determined in a lab condition with a smooth surface with a 60-70kg load at 15km/hr. Top speed, maximum range, max load are not possible to achieve all at the same time.



One-click Folding Technology and Easy Carry

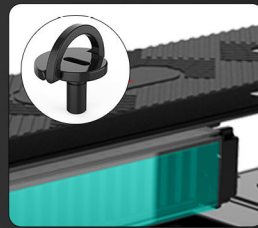
(The one-click folding structure allows you to fold and unfold easily and safely)



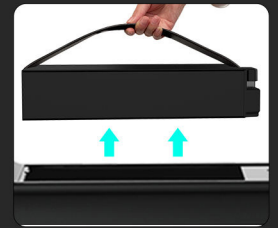


Premium Grade Battery

The Mearth RS Series features a highly efficient and concentrated lithium battery power that turns kinetic energy into electric energy. So, you get a safe and durable battery that stands the test of time.



Gently turn the two quick-release screws, then remove the battery.



Lift up the battery strap vertically and take it out.

*Tip: Battery life depends on the local climate, humidity, and road.

6 Intelligent Protection



Short Circuit Protection



Over Current Protection



Double Over Charge Protection



Double Over Discharge Protection



Temperature Anomaly Protection



Under-Voltage Automatic Sleep

Performance-driven Rides

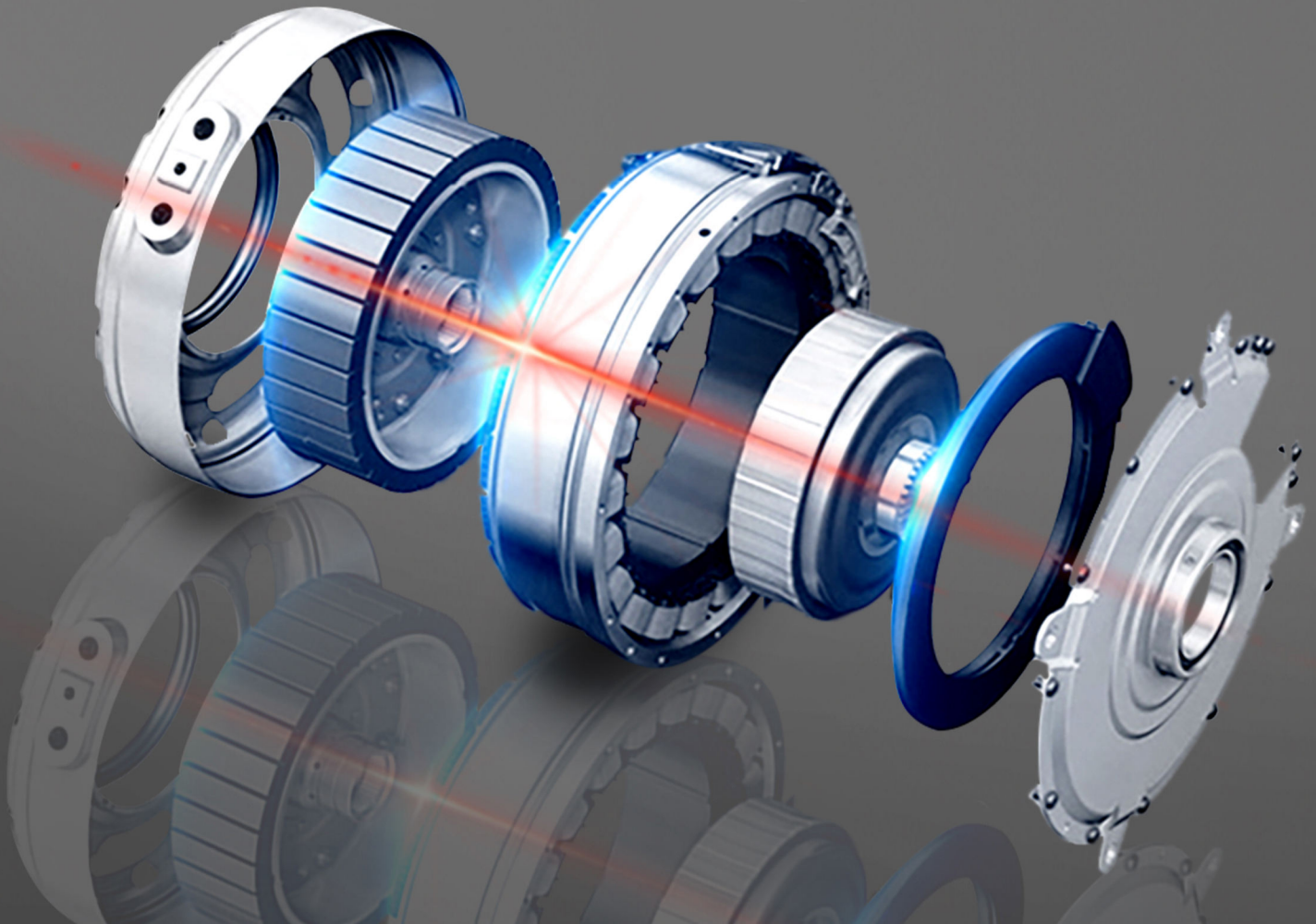
The Mearth RS offers a 500W high-speed brushless motor that enables riders to power through obstacles. Meanwhile, the Mearth RS Pro provides a 550W motor for a smooth and seamless ride. Feel its powerful and prominent presence as the motor and 10-inch wheels deliver you through various terrains and conditions.

RATED POWER

<i>RS</i>	<i>RS PRO</i>	SPEED
500w	550w	40km/hr

MAXIMUM OUTPUT POWER

<i>RS</i>	<i>RS PRO</i>
850w	1100w



HIGHLY RESISTANT RUBBER



Non-slip

Explosion-proof

Wear-resistant

* cement, uneven, flat, mud, bricks, gravel road riding

Front and Rear Vacuum, Explosion-Proof Suspension Tyres

The 10-inch front and rear vacuum explosion-proof tyres are made of memory gel vacuum tyres, which can pass through most urban roads and deceleration belts easily. It is wear-resistant, anti-skid and shock absorbing, which offers a comfortable ride and prevents the tyres from leaks and damage.



Power

Speed Gear

Function Button

Power Switch

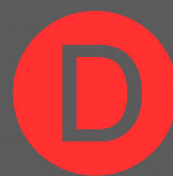
Press Type Acceleration



ECO MODE
[NO "D"]



SPORT MODE
[WHITE "D"]



SPORT+ MODE
[RED "D"]

THREE RIDING MODES

Easily switch to *Eco*, *Sport*, and *Sport+* mode using the function button for different riding environments.

HD LED Dashboard Power, Speed at a Glance

A large HD screen displays the remaining power and speed in real time.

One-click Folding Lock Technology

The one-click folding structure allows you to fold and unfold easily and safely, making it convenient to store. It also locks the stem into place making it stable while riding.



In the office



Inside a car trunk



Inside an elevator



Climbing Angle **25% - 30%**

25%-30% Climbing Angle

Feel the power of the Mearth's RS 25% climbing angle or Mearth's RS Pro 30% climbing angle as it climbs steep and hilly roads with ease. It's also capable of driving through uneven paths, thanks to its 12cm ground clearance.

Efficient Braking Capabilities

Bigger Dual Disc Brake

Ensure safe riding and efficient braking with a front and rear disc brake, anti-lock electric brake, rear foot brake and double hand grip brake.



Double Hand
Grip Brake

Rear Foot Brake

Rear Disc Brake

Front Disc Brake

E-ABS

ANTI-LOCK SYSTEM TECHNOLOGY



The Mearth RS Series features a front-facing super bright LED headlight that makes it safer to travel at low light, brightening the road ahead and increases your visibility. Perfect for night riding.

Extra Visibility LED Technology

Provide extra visibility on the road, without glare when meeting other vehicles.



Mearth RS Specification

Product model	MEARTH RS	MEARTH RS PRO
Open Size	1110*500*1230mm	1110*500*1230mm
Fold Size	1110*500*540mm	1110*500*540mm
Net Weight	About 23kg	About 24kg
Frame Material	Magnesium Alloy	Magnesium Alloy
Tire Size	10 inch	10 inch
Max Range	65km	100km
Speed	40km/hr	40km/hr
Rated Power	36V/500W	48V/550W
Maximum Output Power	850W	1100W
Climbing Angle	25%	30%
Pedal Width	183mm	183mm
Ground Clearance of Pedal	205mm	205mm
Ground Clearance of Pedal Chassis	120mm	120mm
Battery Capacity	36V/561.6Wh	48V/748.8Wh
Charger Parameters	DC 42V/2A	DC 54.6V/2A
Motor Driven	Rear Wheel Drive	Rear Wheel Drive
Battery Removal Method	Portable and Removable	Portable and Removable
Waterproof Level	IPX4	IPX4
Charging Time	8-9 Hours	8-9 Hours
Headlight	LED High-Brightness Front Light	LED High-Brightness Front Light
Taillight	Rear LED	Rear LED
Applicable Height	Light120-200cm	Light120-200cm
Load Range	100kg	100kg
Colour	Black	Black

***Disclaimer:** Maximum speed is set as 25kph as a default, but it can be manually overridden by the user to go to 40kph. However, we do not recommend going past 25kph unless in a safe and controlled environment. The top speed and range was determined in a lab condition with a smooth surface, for riders weighing 60-70kg at 50-60% speed.



MEARTH

About the Mearth RS Series

The Mearth RS is the The Ultimate Long-Range E-Scooter ever assembled. The Mearth RS Series offers everything that you need for your daily trips. Equipped with a 500W battery, 10-inch wheels, and a sturdy build, the Mearth RS Series can take on any road with ease. Feel its power at work as it take you through long and worry-free rides. Travel anywhere with the Mearth RS Series The Mearth RS Series is designed to take riders farther and further. Get the power, distance, and reliability that you need to go anywhere. It's powerful, comfortable, safe and fully-equipped. Everything that you need in an electric scooter.

About Mearth Electric Scooters

Based in Sydney, Australia, Mearth specializes in using innovation to reshape transportation. Mearth aims to help people travel around more efficiently, more sustainably and more conveniently. All products are proudly designed in Australia.

Unit B1/13 21 Mandible St., Alexandria 2015
New South Wales
sales@mearth.com.au
0488854129

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