

Ather scooter specifications.

Performance

Ather 450X

Ather 450X

 With Pro Pack

Power (peak)	6.4 kW	6.4 kW
Max torque	26 Nm	26 Nm
Top speed (indicated)	90 km/h	90 km/h
Acceleration (0-40 km/h)	3.3 s	3.3 s
Gradeability	20 degrees	20 degrees
Riding modes	Default	Warp Sport Ride Eco SmartEco
Motor type	PMSM	PMSM
Ingress protection (motor)	IP66	IP66
Ingress protection (controller)	IP65	IP65

Range

TrueRange® (Eco)	-	105 km
TrueRange® (Ride)	-	85 km
TrueRange® (Sport)	-	75 km
TrueRange® (Warp)	-	65 km
Certified range ¹	146 km	146 km

Charging

Home charging

0-80% (Home charging) ²	12 h 15 min	4 h 30 min
0-100% (Home charging) ²	15 h 20 min	5 h 40 min
Ather Grid access	-	Yes
Fast charging rate (0-50% SOC)	-	1.5 km/min
Fast charging rate (50-80% SOC)	-	1 km/min

Battery

Installed capacity	3.7 kWh
Battery type	Lithium-ion
Nominal voltage	51.1V
Water & dust resistance	IP67
Pack casing	Aluminum alloy

Transmission

Type	Belt drive
Transmission ratio	7.8:1

Tyres & wheels

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⚡ With Pro Pack

Wheel type	Alloy wheels
Wheel size (front)	12" x 2.15"
Wheel size (rear)	12" x 2.5"
Tyre size (front)	90/90-12 tubeless tyres
Tyre size (rear)	100/80-12 tubeless tyres

Brakes

Braking system	Combined braking system & regenerative braking
Brake type (front)	Hydraulically actuated triple-piston calliper disc
Brake type (rear)	Hydraulically actuated single-piston calliper disc
Disc size (front)	200 mm
Disc size (rear)	190 mm
Braking distance (60-0 km/h)	28.6 m

Suspension & frame

Front suspension	Telescopic forks
Rear suspension	Symmetrically mounted progressive monoshock
Frame type	Precision machined hybrid chassis
Frame materials	Aluminum and steel

Peripherals & convenience

Headlights	LED	LED
Tailights	LED	LED
Indicators	LED	LED
Side stand motor cut-off	Yes	Yes
Boot storage	22L	22L
Pillion grab handle	Aluminium	Aluminium
Park assist	No	Yes
Hill assist	-	Auto Hold™

Colours

All colours	Space Grey, Still White, Salt Green, True Red, Cosmic Black, Lunar Grey
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Dimensions & storage

Length	1837 mm
Width	734 mm
Height (with mirrors)	1250 mm
Wheelbase	1295 mm
Ground clearance	153 mm
Seat height	780 mm
Kerb weight	111.6 kg
F:R weight ratio	48:52
Water wading limit	300 mm

Display + touchscreen dashboard

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Processor	Snapdragon 212 Quadcore 1.3Ghz
Storage	16GB
RAM	2GB
Operating system	Android Open Source OS (AOSP)
Screen size & type	7 inch TFT touchscreen LCD, LED backlit
Touchscreen type	Capacitive
Resolution	800 x 480 pixels
Colours	16M
Brightness	800 Nits
Aspect ratio	5:3
Water & dust resistance	IP65

Smart features

Dashboard UI	Grey scale	Multi colour
4G LTE Cat-4 /WCDMA / EDGE	No	Yes
Bluetooth 4.2	No	Yes
Music & calls	No	Yes
Auto indicator off	No	Yes
Guide-me-home light	No	Yes
Time based adaptive screen brightness & themes	No	Yes

Warranty

Vehicle & charger warranty	3 years/30,000 km	
Battery warranty	3 years/30,000 kms	5 years/60,000 kms

Accessories compatibility

TPMS	No	Yes
Side step	Yes	Yes
Helmet	Yes	Yes
Frunk	Yes	Yes

Ather connect features*

On-board maps & navigation	No	Yes
Document storage	No	Yes
Connected mobile app	No	Yes
Over-the-air dashboard updates	No	Yes
Ride statistics on the Ather app	No	Yes
Remote location tracking	No	Yes
Remote charge monitoring	No	Yes
Push location from Ather app	No	Yes
Multi-stop Trip Planner	No	Yes

www.atherenergy.com

*Pro pack is an optional add-on for customer for purchase

*All trademarks are the property of their respective owners.

*Ather reserves the right to alter specifications, designs or add / delete features without prior notice and without liability.

¹Declared certified range figures are as per ARAI IDC standard testing conditions, actual performance

figures may vary depending on various conditions including driving patterns etc.

²Declared home charging figures are as per ideal conditions. Actual performance figures may vary.

³Three years of complimentary Ather Connect features with the Pro Pack.

*The Pro Pack unlocks the access to the fast charging Ather Grid network.

*Please refer to the website for detailed Terms and Conditions.