

SPECIFICATIONS & FEATURES

450S
2.9kWh Battery

450X
2.9kWh / 3.7kWh Battery

450
3.7kWh Battery

Performance

Power (peak)	5.4 kW	6.4 kW	7.0 kW
Max torque	22 Nm	26 Nm	26 Nm
Top speed	90 km/h	90 km/h	100 km/h
Acceleration (0-40 km/h)	3.9 s	3.3 s	2.9 s
Ingress protection (motor)	IP66	IP66	IP66
Coasting Regen	Yes	Yes	Yes

Range & Battery

Certified Range	122 km	126 km / 161 km	157 km
Installed capacity	2.9 kWh	2.9 kWh	3.7 kWh
Water & dust resistance	IPX7	IPX7	IPX7

Charging

Home Charging			
0-80%	5 hr 30 min	3 hr / 4 hr 30 min	4 hr 30 min
0-100%	7 hr 45 min	4 hr 30 min / 5 hr 45 min	5 hr 45 min
Ather Grid™ access			
0-50% SOC	1.5 km/min	1.5 km/min	1.5 km/min
50-80% SOC	1 km/min	1 km/min	1 km/min

Tyres & wheels

Wheel type	Alloy wheels	Alloy wheels	Alloy wheels
Tyre size (front)	90/90-12 tubeless tyres	90/90-12 tubeless tyres	90/90-12 tubeless tyres
Tyre size (rear)	90/90-12 tubeless tyres	100/80-12 tubeless tyres	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)	20 cm
Disc size (rear)	19 cm

Transmission

Type	Belt drive
Transmission ratio	7.8:1

Suspension

Front suspension	Telescopic forks
Rear suspension	Symmetrically mounted progressive monoshock

Peripherals & convenience

Headlights	LED
Taillights	LED
Indicators	LED
Park Assist™	Yes
Side stand motor cut-off	Yes
Pillion grab handle	Aluminium

Dimensions & storage

Wheelbase	129.6 cm	129.6 cm	129.6 cm
Ground clearance	17 cm	17 cm	17 cm
Kerb weight	108 kg	108 kg / 111.6 kg	111.6 kg
Boot Storage	22L	22L	22L

Dashboard

Processor	Cortex Series	Snapdragon 212	Snapdragon 212
		Quadcore 1.3Ghz	Quadcore 1.3Ghz
Storage	8GB	16GB	16GB
RAM	1GB	2GB	2GB
Operating system	Real Time Operating System (RTOS)	Android Open Source OS (AOSP)	Android Open Source OS (AOSP)
Screen size & type	17.7 cm (7") DeepView™ Display	17.7 cm (7") TFT	17.7 cm (7") TFT
Touchscreen	-	Yes	Yes
Water & dust resistance	IP65	IP65	IP65

Warranty

Vehicle warranty	3 years/30,000 km whichever is earlier
Charger warranty	3 years
Battery warranty	3 years/30,000 km whichever is earlier

Unlock all the smarts with **Pro** ⚡

Bundle in Pro with your scooter at the time of purchase to get a sweetened deal.

RideAssist™

Riding modes	4	5	5
TrueRange™ Display	SmartEco™ - 105 km Eco - 95 km Ride - 80 km Sport - 75 km	SmartEco™ - 105 km / 130 km Eco - 100 km / 125 km Ride - 85 km / 105 km Sport - 80 km / 95 km Warp™ - 75 km / 85 km	SmartEco™ - 130 km Eco - 125 km Ride - 105 km Sport - 95 km Warp+ - 80 km

Multi-Mode Traction Control ★	-	Yes	Yes
Magic Twist ★	-	Yes	Yes
Interactive UI	Yes	Yes	Yes
AutoHold™	Yes	Yes	Yes
Auto Indicator cut-off	Yes	Yes	Yes
Guide-me-home lights	Yes	Yes	Yes
FallSafe™	Yes	Yes	Yes
Emergency Stop Signal (ESS) ³	Yes	Yes	Yes
Call & Music control	Yes	Yes	Yes
Dashboard auto brightness	Yes	Yes	Yes

Ather Connect™

Navigation	Turn by turn	Google Maps	Google Maps
Document Storage	-	Yes	Yes
Ather App™ features	Yes	Yes	Yes
Tow & Theft Notifications	Yes	Yes	Yes
Find my scooter	Yes	Yes	Yes
Ride Stories	Yes	Yes	Yes
Push Navigation	Yes	Yes	Yes
Inter-city Trip Planner™	-	Yes	Yes
Alexa Skills	Yes	Yes	Yes
Ping my scooter	-	Yes	Yes
WhatsApp on dashboard	-	Yes	Yes
OTA Updates	Yes	Yes	Yes

Eighty70™ Battery Warranty

5 years or 60,000 km	Included in Pro pack
8 years or 80,000 km	Optional Add-on

All specifications/figures are indicative only and subject to requisite certification(s). Declared IDC range figures are as per ARAI IDC standard testing conditions and TrueRange™ is dependent on various riding mode, actual performance figures may vary depending on various conditions including driving patterns etc. Specifications, pricing and product availability are subject to change without notice. Magic Twist™ is not an alternative to braking. Applying brakes wherever necessary is recommended. Home charging figures are as per ideal conditions. Pro is a bundle of smarts, intelligence and ownership products, it can be bought until 24 months from the date of purchase of the scooter. To know all about the current offering/pricing, change in product configurations and inclusions get in touch with your nearest Ather store. Ather Energy's trademarks are listed at <https://www.atherenergy.com/trademarks>. All third-party trademarks (including words, logos and icons) referenced by Ather Energy Limited (Formerly known as Ather Energy Private Limited) remain the property of their respective owners. Amazon, Alexa, and all related marks are trademarks of Amazon.com, Inc. or its affiliates. WhatsApp trademark is owned by Meta. Eighty70™ battery warranty is available as an additional purchase along with Pro. www.atherenergy.com