

# APX 450

Core specs & features



ATHER



Performance

Power (peak)	7.0 kW
Indicated top speed	100 km/h
Max torque	26 Nm
Acceleration (0-40 km/h)	2.9 s
Maximum gradeability	20 degrees
Motor type	PMSM
Ingress protection (motor)	IP66
Ingress protection (controller)	IP65

Range

Certified Range*	157 km
TrueRange™	
SmartEco™	130 km
Eco	125 km
Ride	105 km
Sport	95 km
Warp+™	80 km

Battery

Installed capacity	3.7 kWh
Battery type	Lithium-ion
Nominal voltage	51.1V
Water & dust resistance	IPX7
Pack casing	Aluminum alloy

Charging

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

Tyres & wheels

Wheel type	Alloy wheels
Wheel size (front)	30.4 cm x 5.4 cm (12"x 2.15")
Wheel size (rear)	30.4 cm x 6.3 cm (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)	20 cm
Disc size (rear)	19 cm
Braking distance (60-0 km/h)	28.6 m

Transmission

Type	Belt drive
Transmission ratio	7.8:1

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
Tail lights	LED
Indicators	LED
Side stand motor cut-off	Yes
Boot storage	22L
Pillion grab handle	Aluminium

Dimensions & storage

Length	189.1 cm
Width	73.9 cm
Height (without mirrors)	111.4 cm
Wheelbase	129.6 cm
Ground clearance (certified)	17 cm
Seat height	78 cm
Kerb weight	111.6 kg
F:R weight ratio	48:52
Water wading limit	30 cm

Dashboard

Processor	Snapdragon 212 Quadcore 1.3Ghz
Storage	16GB
RAM	2GB
Operating system	Android Open Source OS (AOSP)
Screen size & type	17.7 cm (7") TFT touchscreen
Touchscreen type	Capacitive
Resolution	800 x 480 pixels
Colours	16M
Brightness	800 Nits
Aspect ratio	5:3
Water & dust resistance	IP65

Warranty

Vehicle warranty	3 years/30,000 km
Charger warranty	3 years
Default battery warranty	5 years/60,000 km

RideAssist™

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

Ather Connect™

Complimentary for 3 years

Navigation	Google Maps suite
Document Storage	Yes
Ather App features	Yes
Tow & Theft Notifications	Yes
Find my scooter	Yes
Ride Stories	Yes
Push Navigation	Yes
Inter-city Trip Planner™ (multi-stop)	Yes
Alex Skills	Yes
Ping My Scooter	Yes
Whatsapp on Dashboard	Yes
Live Location Sharing	Yes
Call Decline with Text	Yes

Atherstack™  
OTA Updates

Yes