

APEX 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™	110 km
Eco	110 km
Ride	95 km
Sport	90 km
Warp+™	75 km

Battery

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

Ather Collectibles included

Hand crafted Helmet
TPMS
Apex delight kit

Warranty

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

RideAssist™

Riding modes	5
TrueRange™ Display	Yes
Scooter shut down	Yes
Interactive UI	Warp+™ immersive UI
Dashboard auto brightness	Yes
Park Assist™	Yes
AutoHold™	Yes
Auto Indicator cut-off	Yes
Guide-me-home lights	Yes
Vehicle FallSafe™	Yes
Coasting Regen	Yes
Emergency Stop Signal (ESS)	Yes
Call & Music control	Yes

Ather Connect™

Complimentary for 3 years

Navigation	Google Maps suite
Document Storage	Yes
Ather App™	Full access
Tow & Theft Notifications	Yes
Find my scooter	Yes
Ride Stats	Yes
Push Navigation from DM	Yes
Inter-city Trip Planner™	Yes
Savings trackers	Yes
Ather Labs™	Yes

Atherstack™ OTA Updates

Yes
