

SPECIFICATIONS



Design

Variants

Airstrike, Shadow, Laser

Chassis color

Matte black

Aluminium rim color

Slate grey

R suspension color

Glass hot red

Dashboard

Ultra High-Brightness
Automotive TFT LCD

Crash guard

Matte black

Handle bar switches

Matte black, electric micro
switch with LED backlight

Side stand

Forged aluminium
integrated sidestand

Accessories

Portable Fast Charger

Standard Charger

Wheel caps

Home Charging Pod

Crash guards

Panniers

Visor

Dashboard theme

Dimension

Wheelbase

1340 mm

Seat height

800 mm

Kerb weight

158 kg

Rake

23.5°

Trail

89 mm

Performance

Max. power output

25,000W @ 2250rpm

Acceleration (0~60 km/h)*

2.9 seconds

Range (3 battery packs)

130 - 150km

Acceleration (0~100 km/h)*

7.5 Seconds

Max. horsepower

33.5hp @ 2250rpm

Max. torque (Motor/Wheel)

90Nm / 450Nm

Max. speed*

147 km/h



Battery System and Charging

Energy Modules

3 x Modular Li ion battery pack(s)

Max capacity

4.2 kWh

Charge time

Standard 5 hr
Fast 1.5 hr

10th Gen Battery Management System

10th Generation
Adaptive State-of-Charge(SoC) Estimation
State-of-Health Estimation Algorithms

Charger type

1kW standard vehicle-mounted charger
3 kW portable charger

Battery connector

Bi-directional IP67 high-current connector

MIL-STD Rugged Battery Modules

Built to withstand rough handling, rugged environments, extreme shock and vibration

Thermal Management

Proprietary heat dissipation technology
Extended-temperature range protection

Battery Safety System

Proprietary patented battery safety system

Charging Port

CCS Charge Port

Drivetrain

Throttle Control

Dual hall effect sensor with zero position micro switch

Reverse Control

Park assist reverse

Drive modes

Eco mode
Sport mode
Insane mode

Motor controller

High efficiency and power dense 550A
3 phase AC controller

Gear box

Single reduction helical gear box

Motor

Passively air-cooled interior permanent magnet AC motor

Transmission

46T/14T 520 X-Ring chain drive

Mechanicals

Frame

Steel trellis with aluminium bulk head

Front suspension

Inverted cartridge type forks

Rear suspension

12 mm piston with adjustable preload spring

Rear suspension

Gas charged preload adjustable shock absorber

Brake system

Hydraulic disc brake with dual-channel Antilock Brake System (ABS)

Brake fluid hose

Braided metal hose

Brake calipers

Front: Fixed 4 radial piston
Rear: Single piston floating caliper

Brake rotor

Front: 320mm drilled hole disc
Rear: 230mm drilled hole disc

Tire specs

Front: 110/70 R17
Rear: 150/60 R17

TECH SPECIFICATIONS



User Interface

iOS and Android
smartphone APP

Dashboard
UV Automotive Linux OS
LightSpeed Drive Interface

NFC & Bluetooth
256 bit encryption

Controls (Left)
5-way dashboard control pad
Indicator controls
Headlamp controls
Electronic Horn

Controls (Right)
Arm/Disarm Vehicle
Mode Switching

USB phone Charging
Interface

Adjustable battery
charge limits

BLS4 Automated Battery Control System
Automated Battery Ejection
Battery Locking and Vibration Arrestors

Customisable ride modes
Speed & torque

Variable regenerative
braking

Safety

LED headlight with Ultra-V
position light

Front turn signal: LED lights

NFC & Bluetooth
256 bit encryption

Tail light assembly: Dual LED light
sets with central LED brake light

Rear and front flashers
hazard light

Dual-channel ABS (Antilock
Brake System)

Sidestand sensor

Emergency contact alert

Lock down mode

Fall & crash sensor

Smart features

LTE connectivity with 3G, 2G
Fallback and integrated eSIM

Adaptive dashboard brightness
with Ambient Light Sensor (ALS)

Error reporting through
Ultraviolette smartphone APP

Temperature, Voltage and Current
Sensors with Active Tracking and
Efficiency Mapping across the Vehicle

9-axis Inertial Measurement Unit (IMU) for
Ride Analytics with built-in accelerometer,
gyroscope & magnetometer and Sensor
Fusion technology

GPS/GLONASS positioning for
real-time velocity and position
discovery for Ride History,
Vehicle Locator and Geofencing

Shock and Impact sensors for
Fall and Crash Detection

Temperature, Voltage and
Current Sensors with Active
Tracking and Efficiency
Mapping across the Vehicle

Headlight auto on/off

Customisable
performance profiles