NINJA® 7 HYBRID ABS









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Engine 4-stroke, Parallel Twin, DOHC, liquid-cooled

44.2 lb-ft @ 2,800 rpm

Displacement 451cc

Bore x Stroke 70.0 x 58.6mm

Compression Ratio 11.7:1

Maximum System

Torque

EFI with dual 36mm throttle bodies **Fuel System**

Ignition **TCBI**

Traction Motor Liquid-cooled, interior permanent magnet

synchronous motor

3 Modes (SPORT-HYBRID/ ECO-HYBRID/EV) plus e-**Power Modes**

boost

Motor Drive Battery Type 48 V lithium-ion battery

6-speed Automated Manual **Transmission**

Shifter Mechanism Push button

Final Drive Ratio 3.071 (14/43)

Final Drive Chain

Electronic Rider

Aids

Automatic Launch Position Finder (ALPF) in MT, WALK Mode (with Reverse), Anti-lock Brake System (ABS)

PERFORMANCE

Trellis, high-tensile steel **Frame Type**

Front Suspension/ 41mm telescopic fork/4.7 in **Wheel Travel**

Bottom-Link Uni-Trak® with single gas-charged **Rear Suspension/ Wheel Travel** shock, adjustable spring preload/4.5 in

Front Tire 120/70-17

Rear Tire 160/60-17

Front Brakes Dual 300mm discs with 2-piston calipers and ABS

Rear Brakes Single 220mm disc with single-piston caliper and ABS

DETAILS

Rake & Trail 25° / 4.1 in

Overall Length 84.4 in

Overall Width 29.5 in

Overall Height 44.7 in

Ground Clearance 5.1 in

Seat Height 31.3 in

Curb Weight 502.7 lb* (incl. battery)

Fuel Capacity 3.7 gal

Wheelbase 60.4 in

Special Features e-boost, Idling Stop Function, Regenerative System,

TFT Color Instrumentation with Smartphone

Connectivity via RIDEOLOGY THE APP

Color Choices Metallic Bright Silver/Metallic Matte Lime Green/

Warranty 12 Month Limited Warranty

Scan with camera to view videos. key features and more.

