



## APRILIA RS 660 - TECHNICAL SPECIFICATIONS

<b>ENGINE</b>	Aprilia parallel twin-cylinder forward facing, 4-stroke, liquid cooled with water-oil radiator and heat exchanger, double overhead camshafts (DOHC) with a silent chain on the right side, four valves per cylinder
<b>BORE X STROKE</b>	81 x 63.93 mm
<b>CAPACITY</b>	659 cc
<b>COMPRESSION RATIO</b>	13.5:1
<b>MAXIMUM POWER</b>	100 hp (73.5 kW) at 10500 rpm
<b>MAXIMUM TORQUE</b>	67.0 Nm (6.83 kg) at 8500 rpm
<b>FUEL SYSTEM</b>	Airbox with front dynamic air intakes, two Ø48-mm throttle bodies, Ride-by-Wire engine management
<b>IGNITION</b>	Electric
<b>LUBRICATION</b>	Wet sump
<b>GEARS</b>	6 gears with Aprilia Quick Shift (AQS) up and down
<b>CLUTCH</b>	Multi-plate wet clutch with mechanical slip system
<b>SECONDARY DRIVE</b>	Chain, with drive ratio: 17/43
<b>ELECTRONIC CONTROLS</b>	Six-axis inertial platform, APRC package containing ATC (traction control), AWC (wheelie control), AEB (engine braking), AEM (engine maps) and ACC (cruise control). 5 Riding modes (Road and Track, 3 fixed and 2 customisable)
<b>FRAME</b>	Aluminium dual beam chassis with removable seat support subframe
<b>FRONT SUSPENSION</b>	Kayaba 41-mm stanchion fork, aluminium radial calliper mounting bracket. Adjustable spring preload and rebound damping. 120 mm wheel travel.
<b>REAR SUSPENSION</b>	Aluminium asymmetric swingarm. Adjustable monoshock in spring reload, rebound braking. 130-mm wheel travel.
<b>BRAKING SYSTEM</b>	Front ABS: double disc, diameter 320 mm Brembo radial callipers with four Ø32-mm opposing pistons. Radial pump and metal braided brake hose. Rear: Ø220-mm disc; Brembo calliper with two Ø34-mm separate pistons. Pump with integrated tank and metal braided hose Multimap ABS Cornering