

RS660

aprilia[®]



***CHANGE THE GAME.
INCREASE THE FUN***

RS660

APRILIA RS 660

A masterpiece of contemporary racing technology and premium electronics, the RS 660 enhances the exciting sensations on the road. Boasting a perfect mix of superb frame and suspension, competitive power-to-weight ratio and 100 HP twin-cylinder engine, this model sets a new sporting standard, with its agile, precise, engaging and accessible ride. Breathtaking to look at, it conveys the essence of the Aprilia brand, with a winning combination of innovation, technology and design.





***ESCAPE FROM
CONFORMITY
WITH FUN***

- // Double fairing
- // Three-element full LED headlight
- // Distinctive DRL

ALL EYES ON YOU

Aprilia's vivacious and visionary character is expressed through a number of stylistic features destined to turn the standards for high-performance sports motorbikes upside down. As a result, the lines of the bike are dynamic and modern - surfaces are contained without taking the concept to extremes, offering a comfortable, roomy ride for both rider and passenger despite being a sports model, whilst also enhancing its lightness and compactness. The design is innovative, sophisticated, and authentically sporty. The RS 660 is stable at speed courtesy of the double fairing, which enhances aerodynamics and increases rider comfort, ensuring protection from the air pressure. A host of eye-catching features include the three-element full LED front light cluster and the DRL lights, which are located on the outside of the two main headlamps.



// Euro 5, 660 cc parallel twin engine with load-bearing function

// 270° crank angles

// Power of 100 HP

// Full torque even from low revs

// Aluminium frame

// Dual-arm asymmetric aluminium swingarm

// Adjustable USD fork, adjustable single shock absorber

// Braking system with Brembo radial callipers and pump

BORN TO WIN

Aprilia's winning attitude in the world of racing provides the thoroughbred background for the RS 660. The frame and suspension foster a dynamic riding experience, with an aluminium frame and swingarm that boast unique construction characteristics, guaranteeing outstanding weight distribution and maximum lightness. The new 660 cc Euro 5 type-approved twin engine with 100 HP and torque values designed to offer a prompt, lively response at any speed make this bike the poster child of the next generation of Aprilia machines. The single shock absorber and fork, both adjustable, and the braking system with 320 mm Brembo discs, radial callipers and pump, complete the top-end equipment on this bike.



- // Five riding modes
- // TFT instruments
- // Semi-handlebar positioned above the yoke
- // Active riding position
- // Roomy passenger seat
- // Multi-map cornering ABS



NEW RIDING EMOTIONS

The riding position has been designed to offer maximum comfort on the road and to facilitate a dynamic ride, delivering the right amount of load on the front thanks to the perfect triangulation of seat, foot pegs and semi-handlebar. The colour TFT instrument cluster, with dedicated graphics and electrical blocks, ensures total parameter control at all times. A choice of no less than 5 riding modes (3 predefined and 2 customisable) are available, for a thrilling on-board experience that can be adapted to a variety of road or circuit routes.

THE LATEST TECHNOLOGY

Another of the unique features of the Aprilia RS 660 is the series of electronic systems designed to boost performance and safety: the RS 660 is equipped with a six-axis inertial measurement unit (IMU) which can recognise the status of the bike in relation to the road, sending the processed data to the control unit which acts on the control parameters in the optimum manner. The RS 660's APRC (Aprilia Performance Ride Control), developed to support performance and make riding on the street safe and thrilling, includes:

ATC Aprilia Traction Control, adjustable traction control with precise, high-performance intervention logic.

AWC Aprilia Wheelie Control, the adjustable wheelie control system.

ACC Aprilia Cruise Control, particularly useful during longer trips, as it allows the rider to maintain the set speed without having to touch the throttle.

AQS Aprilia Quick Shift, the electronic gearbox, for extremely fast gear changes without having to shut off the throttle or use the clutch; also equipped with downshift function, which allows the rider to shift down through the gears without depressing the clutch.

AEB Aprilia Engine Brake, the engine brake control system that is active when the throttle is being closed.

AEM Aprilia Engine Map, the different mapping options available which change the character of the ride and the way power is delivered.

ABS with cornering function, adjustable according to three different intervention levels.





EXTREMA THE SPORTY LEGEND

Aprilia presents Extrema, the sportiest version of the RS 660 models, the name of which evokes the Aprilia 125 Extrema, one of the highest-performing and fastest bikes of the 90s. With just 166 kg dry weight and 100 HP, it boasts a record power-to-weight ratio, for maximum fun. This achievement is the result of a winning formula: the type-approved exhaust system by SC Project with carbon silencer, the option to remove the passenger footpegs, the single-seat tail fairing that replaces the saddle, the front mudguard and the carbon toe cap. Its sporty persona, expressed through the red and white livery, is further enhanced by the software that enables the quick shift gearbox to be set independently in an inverted configuration - perfect for riding on the track.



THE STUNNERS

| **ACID GOLD**

| **RACING BLACK**

| **CHECKERED FLAG**

| **TRIBUTE**

EXPAND YOUR EXPERIENCE

The extensive range of accessories designed for the Aprilia RS 660 serves to enhance the various different sides to the bike's character. The Aprilia by SC-Project Euro 5 type-approved exhaust lends the bike a sporty look thanks to the addition of the external carbon silencer. Its sound and features enhance the racing performance of the motorbike, for a high-performance ride. The exclusive data map that comes with the exhaust optimises engine performance, in addition to allowing the Quick Shift to be used in the upside-down position. The installation of the SC-Project exhaust is complemented by the option of fitting a carbon fibre fairing tip, which lightens the motorbike and adds to its racy look. This is further enhanced by the brake and clutch levers in billet aluminium, the wheel stickers and the ultra-lightweight carbon fibre number plate holder - a perfect blend of aesthetics and premium materials.



- // CARBON APPROVED EXHAUST
- // CARBON LOWER FAIRING TIP FOR SC-PROJECT OR STANDARD EXHAUST
- // QUICK SHIFT ACTIVATION FOR REVERSE SHIFT
- // BRAKE OIL TANK GUARD KIT
- // REAR STAND PAWL KIT
- // CARBON LICENCE PLATE HOLDER
- // OHLINS REAR SHOCK ABSORBER
- // OVERSIZED TOP FAIRING
- // CARBON FRONT MUDGUARD
- // COMPONENTS FOR FASTENING AND SECURING RIDER SEAT
- // SWINGARM PROTECTION
- // SEAT COVER KIT - MATTE BLACK
- // WHEEL RIM DECAL KIT - BE "A" RACER
- // SIDE TANK GUARDS
- // FRONT TANK GUARDS
- // RIDER COMFORT SADDLE
- // TANK SPORT BAG
- // PASSENGER SEAT BAG
- // WATERPROOF COVER FOR SIDE BAG - LEFT
- // WATERPROOF COVER FOR SIDE BAG - RIGHT
- // PAIR OF SEMI-RIGID BAGS
- // FAST CLICK HOLDER KIT FOR SIDE BAGS
- // SIDE REFLECTOR KIT - FOR USA
- // ELECTRONIC ANTI-THEFT SYSTEM
- // ELECTRONIC ANTI-THEFT SYSTEM INSTALLATION KIT
- // USB SOCKET KIT WITH HOLDER
- // MULTIMEDIA PLATFORM - MIA

- // INSTALLATION KIT FOR APRILIA MIA MULTIMEDIA PLATFORM
- // INDOOR VEHICLE COVER
- // BRAKE LEVER GUARD RACING
- // FRONT BRAKE LEVER RACING USE
- // CLUTCH LEVER RACING USE
- // ADJUSTABLE PILOT FOOTPEG KIT - RACING



ON THE ROAD

In addition to the accessories that enhance the RS 660's racing spirit, a range of other accessories for light touring is available in order to improve comfort and load capacity.

- // Saddlebag
- // Tank bag
- // Comfort saddle
- // Oversized top fairing



HIGH-TECH ATTITUDE

The high-tech equipment is just one of the many aspects that enhance the quality of the riding experience and connectivity on board the RS 660. In addition to must-have accessories such as the electronic anti-theft device and the USB port, the Aprilia MIA multimedia platform - available as an optional extra - offers a new type of connection between bike and smartphone. Aprilia MIA allows the rider to manage voice commands, phone calls and music via intuitive controls on the handlebars, as well as enabling use of the navigation function, which sends directions straight to the bike's instrument panel. It also allows the rider to save completed trips and analyse the data acquired in the app using the geo-referenced telemetry function.

Electronic anti-theft system //

USB socket //

Aprilia MIA //





APRILIA FULL FACE HELMET



APRILIA FULL FACE HELMET



APRILIA FULL FACE HELMET



SPORTS GLOVES



RACING JACKET



SUMMER TOUCH GLOVES

TOTAL LOOK

Now, riders who use their Aprilia bikes daily can benefit from top quality and safety standards, comfort and stylistic attention to detail, as well as enjoying total riding pleasure on every outing. The helmet, jacket and the gloves Aprilia proposes reflect every one of the Aprilia RS 660's moods: sporty, comfortable and high-tech, without sacrificing the design and protection that only certified technical apparel can provide.

	RS 660 EXTREMA	RS 660
Engine		
Type	2 parallel forward facing cylinders, 4 valves per cylinder, liquid-cooled with Ride-By-Wire	
Displacement	659 cc	
Bore and stroke	81 x 63.93 mm	
Max. power	100 HP (73.5 kW) at 10,500 rpm	
Max. torque	67 Nm at 8,500 rpm	
Clutch	Multiplate wet clutch with slipper system	
Gearbox	6 gears	
Chassis		
Frame	Dual beam aluminium frame	
Front suspension	Kayaba 41 mm upside-down fork, adjustable in rebound and preload, 120 mm travel	
Rear suspension	Kayaba monoshock, adjustable in rebound and preload, 130 mm wheel travel	
Front brake	Double 320 mm floating disc. Brembo radial calipers with 4 pistons	
Rear brake	220 mm disc. Brembo 2-piston callipers	
Front wheel	17" x 3.5" Aluminium alloy rim	
Rear wheel	17" x 5.5" Aluminium alloy rim	
Dimensions & Weights		
Seat height	820 mm	
Fuel tank capacity	15 litres	
Wet weight*	180 Kg	183 kg
Std. Features		
Standard Features	LED headlight unit with DRL and Bending Lights function. APRC system with 6-axis inertial platform: Engine Maps (AEM), engine brake (AEB), Cornering ABS (3 maps and Rear Wheel Lift-up Mitigation), Traction Control (ATC), Wheelie Control (AWC), 5 riding modes. Cruise Control (ACC). Aprilia Quick Shift (AQS) with software for reverse gear shifting. 4.3" TFT instrument panel. Metal braided brake hoses. SC-Project exhaust with carbon tailpipe. Carbon fibre tip and front mudguard	LED headlight unit with DRL and Bending Lights function. APRC system with 6-axis inertial platform: Engine Maps (AEM), engine brake (AEB), Cornering ABS (3 maps and Rear Wheel Lift-up Mitigation), Traction Control (ATC), Wheelie Control (AWC), 5 riding modes. Cruise Control (ACC). Aprilia Quick Shift (AQS). 4.3" TFT instrument panel. Metal braided brake hoses

SERVICES

X-CARE+[®] MAINTENANCE

Thanks to X-Care+ Maintenance, the ordinary maintenance packs, you can ride your Aprilia bike with peace of mind, in the world. Created to meet various needs, by choosing and purchasing one of the available packages, you will receive periodic maintenance as required in the use and maintenance manual.

Check the packages available for the various models with your preferred dealer.

X-CARE+[®] EXTENDED WARRANTY

The X-Care+ Extended Warranty completes the dedicated services on offer, protecting your peace of mind when it comes to your bike and allowing you to travel worry-free with a 1 or 2 year warranty which includes roadside assistance:

- Coverage of repair costs for faults due to manufacturing or assembly defects on parts
- Replacement of any damaged parts with original spare parts, labour included
- Roadside assistance including depannage and towing service
- Specialised, certified Piaggio Group Service assistance
- Maintenance of the retail value of your used vehicle in case you decide to sell
- Coverage throughout Europe

Ask your dealership or your authorised service centre for full details of the services and coverage available in your country.

DREAM RIDE[®]

With DreamRide, your dream of riding an Aprilia vehicle is even easier to achieve. In fact, you can choose the most suitable financing solution for you, selecting it from a range of services conceived by the Piaggio Group to meet the numerous and changing financing needs.

The company reserves the right to make technical and aesthetic changes at any time. Full information on models and accessories is available at www.aprilia.com Ride carefully, always wearing a helmet and suitable gear. Always comply with the rules of the road and respect the environment. Read the operating and maintenance manual carefully. Always ask for original and approved spare parts in accordance with current legislation. Visit an Official Aprilia Dealership or Authorised Retailer for a secure purchase and guaranteed service support.

COMPANY WITH
ENVIRONMENTAL SYSTEM
CERTIFIED BY DNV
= ISO 14001 =

COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV
= ISO 9001 =

COMPANY WITH
SAFETY SYSTEM
CERTIFIED BY DNV
= OHSAS 18001 =

Aprilia is a registered trademark of Piaggio & C. S.p.A.

*In compliance with the VO (EU) 168/2013 standards, with all operating fluids, with standard equipment and fuel tank filled to 90% capacity

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