

KTM 690 SMC R

READY
TO RACE

EN

RACE THE
EDGE
EDGE
EDGE

KTM

01 WP APEX SUSPENSION

Multi-adjustable WP APEX forks and the rear shock allows for the perfect setup while maintaining the extreme riding characteristics you'd expect from a hardcore supermoto.

02 BREMBO BRAKES

Boasting the latest generation BREMBO brakes with 320 mm floating discs up front and 240 mm in the rear, the KTM 690 SMC R offers a potent combination of stopping power and braking feel.

03 THE DESIGN

Sharper, slimmer, and extra aggressive, the 2021 KTM 690 SMC R has taken its design inspiration from a long lineage of KTM race-winning weaponry.



SUPREME SUPERMOTO
PERFORMANCE
PERFORMANCE
PERFORMANCE

The 2021 KTM 690 SMC R raises the bar for die-hard street outlaws by challenging every convention. With the usual winning formula of an agile, class-leading chassis, latest evolution LC4 motor, and sophisticated rider aids, this is the most complete street-legal supermotard package available.



ENGINE

The legendary 690 cc LC4 single-cylinder powering the KTM 690 SMC R boasts explosive acceleration, exceptional fuel economy, and 10,000 km service intervals. This, along with a host of sophisticated electronic aids like Motorcycle Traction Control (MTC) and Quickshifter+, step this supermoto up into a new realm of elevated performance.

RIDE MODES

Easily switchable between STREET and SUPERMOTO MODES make the KTM 690 SMC R as usable as it is raw. STREET MODE allows you to commute with confidence, offering full traction control, anti-wheelie control, and a softer throttle response. SUPERMOTO MODE unlocks the hooligan – providing an aggressive throttle response with reduced traction control to allow wheelies and tire-smoking drifts.

ADVANCED ABS FEATURES

For 2021, the KTM 690 SMC R benefits from enhanced ABS settings across ride modes. STREET MODE activates full ABS functionality from both front and rear wheels, with cornering ABS allowing confident cornering in all weather conditions. SUPERMOTO MODE de-activates ABS on the rear wheel, allowing big skids and aggressive corner-entry drifts.

AMPLIFIED

PRECISION
PRECISION
PRECISION

ELEVATE YOUR RIDE

KTM PowerParts allow you to intensify the performance, look and overall feel of your ride. Make aesthetic changes to better reflect your personal attitude. Fine-tune the function to your needs, and adjust the performance to perfectly match your individual riding style. No matter where it is that you ride or how you intend to dominate the tarmac, KTM PowerParts have you covered!

01 AKRAPOVIČ "SLIP-ON LINE"

A must-have for sound and performance. Made from high-grade, lightweight titanium with easy fitment and no engine flashing necessary.

02 SUPERSPROX STEALTH REAR SPROCKET

Ultra-durable thanks to high-strength steel teeth, and 50% lighter than the original steel sprocket thanks to aluminum center.

03 ERGO SEAT

Optimized shape offers improved legroom, rider movement and even pressure distribution, for seating comfort.



WEAR IT WITH PRIDE

KTM PowerWear has been developed to keep you comfortable and protected in a wide range of riding conditions. Choose a style that best reflects your personal preference and attitude, knowing that, no matter how extreme the ride ahead, KTM PowerWear contributes to a truly enhanced ride.

04 RAPID 1-PCS SUIT

Hit the track with confidence with this perforated 1-piece leather racing suit with aerodynamic hump and impact-area protection.

05 AVIATOR 2.3 HELMET

Ultra-lightweight, visually striking and race-proven premium offroad helmet, made exclusively for KTM by Airoh.

06 TECH 10 BOOTS

High-quality racing boots made exclusively for KTM by Alpinestars, with a stamp of approval by the best riders in the world.

PROSPECT GOGGLES

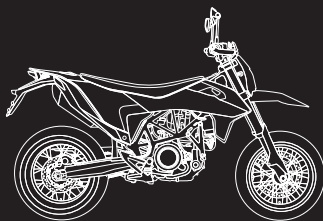
Focus on the apex with these premium offroad goggles, made exclusively for KTM by Scott.

RADICAL X GLOVES

Vented street gloves with superior lever feel and impact zone protection.

KTM

690 SMC R



ENGINE (LIQUID COOLED)

ENGINE TYPE	Single cylinder, 4-stroke, 4 V/OHC
DISPLACEMENT	692.7 cc
BORE/STROKE	105/80 mm
POWER	55 kW (74 hp) @ 8,000 rpm
TORQUE	73,5 Nm @ 6,500 rpm
FUEL CONSUMPTION	4.1 litres/100 km

TRANSMISSION

CLUTCH	APTC™ slipper clutch, hydraulically operated
GEARBOX	6 gears
FINAL DRIVE	16:42/X-Ring 520

ELECTRONICS

ENGINE MANAGEMENT/IGNITION	Keihin EMS with RBW, double ignition
TRACTION CONTROL	MTC (lean angle sensitive, 2-mode, disengageable)
ABS	Bosch 9.1 MP (incl. Cornering-ABS and super moto mode)

CHASSIS & BRAKES

FRAME	Chromium-Molybdenum-Steel trellis frame, powder coated
SUBFRAME	Self-supporting plastic tank
HANDLEBAR	Aluminium, tapered, Ø 28/22 mm
FRONT SUSPENSION/ADJUSTABILITY	WP APEX 48/Compression, rebound
REAR SUSPENSION/ADJUSTABILITY	WP APEX with Pro-Lever linkage/Compression (high and low speed), rebound, preload
WHEEL BASE	1,476 mm ± 15 mm
WHEELS FRONT/REAR	Spoked wheels with aluminium tubeless rims 3.50 × 17"; 5.00 × 17"
TYRES FRONT/REAR	120/70 ZR 17; 160/60 ZR 17
FRONT BRAKE	Brembo four piston, radially mounted caliper, brake disc Ø 320 mm
REAR BRAKE	Brembo single piston floating caliper, brake disc Ø 240 mm

DIMENSIONS & WEIGHT

SEAT HEIGHT/GROUND CLEARANCE	892 mm/237 mm
TANK CAPACITY/RESERVE	approx. 13.5 litres/1.4 litre reserve
DRY WEIGHT	150 kg

KTM

SERVICES



KTM FINANCE

Financing your ride couldn't possibly be any easier. With KTM's financial partner, finding yourself seated on the bike of your dreams is simpler than you could've ever imagined. Motorcycle specific, individually tailored financial solutions enable you to race off in no time. Contact your authorized KTM dealer for more information.



EXTENDED WARRANTY

Race off in confidence with KTM Extended Warranty. It gives you the chance to receive an extended warranty package additionally to the manufacturer's warranty by a further 12 or 24 months before the warranty period expires. You can continue to extend your warranty to up to 12 years or 80,000 km in total. Once covered, claims can easily be made via your authorized KTM dealer to ensure the best possible service. Warranties on the bike can also be transferred upon change of ownership, so new or used, ride your KTM with peace of mind.



MOBILITY SERVICE

The KTM Mobility Service keeps you safe at every turn with 12 months protection free of charge. It can be renewed, without any cost, every 12 months LIFETIME* with each service at an authorized KTM dealer. Thanks to a vast and professional assistance network, breakdowns are worry-free as the KTM Assistance Center is available 24 hours a day, 7 days a week, 365 days a year, all over Europe. Always keeping you READY TO RACE. See more details on www.ktm.com/mobilityservice.

KTM Finance, Extended Warranty and KTM Mobility Service might not be available for all markets. Please ask your local authorized KTM dealer about the offers and conditions in your country.

* The definition of LIFETIME for single cylinder vehicles:
max. 60,000 km or 8 years, whichever comes first; for twin cylinder vehicles:
max. 80,000 km or 8 years, whichever comes first.

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LEGAL DISCLAIMER

Do not imitate! The riders illustrated are professional motorcycle riders. The photos were taken on closed racing circuits or closed roads. KTM wishes to make all motorcyclists aware that they need to wear the prescribed protective gear and always ride in a responsible manner in accordance with the relevant and applicable provisions of the road traffic regulations.

Only the homologated versions of the motorbikes promoted in this brochure are suitable for road use. The warnings and hazard notices in the owner's manual must be observed without fail when purchasing a motorcycle and using it for the first time (especially the prescribed speed limits). Some items in the KTM PowerParts product line are not approved for use on public roads in certain circumstances (varies from country to country). Please contact your KTM dealer for further information. The illustrated vehicles may vary in selected details from the production models and some illustrations feature optional equipment available at additional cost. All information concerning the scope of supply, appearance, services, dimensions and weights is non-binding and specified with the proviso that mistakes, printing, setting and typing errors may occur; such information is subject to change without notice. Please note that model specifications may vary from country to country.

