

Technical data

Audi RS 3 LMS

As of: May 2020

Model	Audi RS 3 LMS (2020)
Vehicle	
Vehicle type	Touring car according to TCR regulations
Structure	Reinforced steel body with weld-in steel safety cell
Body	Carbon fiber, glass fiber and sheet steel
Safety concept	Energy-absorbing steel crash structures front/rear. Rescue hatch in the roof
Engine	
Type	Four-in-line gasoline engine, front-mounted transverse engine, four valves per cylinder, double-overhead camshaft, gasoline direct injection, exhaust gas turbocharger with intercooler
Exhaust emission control system	Oxygen sensor upstream of catalytic converter, steel racing catalytic converter
Engine management	Continental Simos 18
Engine lubrication	Wet sump
Cubic capacity	1,984 cc (bore x stroke 82.5 mm x 92.8 mm)
Power output	Up to 257 kW (350 hp) at 6,200 rpm
Torque	Up to 460 Nm at 2,500 rpm
Drive train/transmission	
Type of drive	Front-wheel drive
Clutch	Sintered single-plate clutch
Transmission	Sequential 6-speed racing transmission, optional 6-speed double-clutch transmission S tronic with paddle shifters
Differential	Multi-plate limited slip differential, adjustable preloading, active limited slip differential for S tronic
Drive shafts	Constant velocity joint shafts
Suspension/steering/brakes	
Steering	Electric rack and pinion steering with modified soft- and hardware
Front suspension	McPherson struts with lower steel wishbones, aluminum swivel bearing, steel subframe, struts with coil springs and adjustable dampers, infinitely variable ride height, toe and camber, three-way adjustment of stabilizer
Rear suspension	Four-link rear suspension, dampers with coil springs (coil-over configuration), steel subframe, aluminum uprights, infinitely variable ride height, toe and camber, three-way adjustment of stabilizer
Brakes	Hydraulic dual-circuit braking system, with adjustable brake pressure distribution (front axle/rear axle), steel brake discs front (378 x 34 mm) and rear (272 x 12 mm)
Rims	Cast-aluminum-rims, front and rear 10 x 18 inches offset 36
Tires	27/65 x 18
Weight/dimensions	
Length/width/height	4,589 mm/1,950 mm/1,340 mm
Wheelbase	2,665 mm
Dry weight	1,145 kg/1,185 kg with S tronic *
Fuel tank capacity	100 l
Equipment	
Fire extinguishing system	OMP
Controls	Height- and length-adjustable safety steering column, multi-functional steering wheel, optional quick-adjustable pedals mounted on rails
Seat system	Audi Sport Protection Seat PS03 acc. to FIA 8862-2009 with four-point mounting
Refueling system	Production with safety valve
Air conditioning	Optional electrical air conditioning system for helmet cooling
Electrical system	Production, modified for motorsport purposes
Price	EUR 109,000/129,000 (plus VAT) S tronic/sequential

* Established by BoP of the series organizers