

Technical data Audi R8 LMS (2016)

As of: January 2016

Safety concept wittl Engine Energy Engine type V1 DOHO DOHO Engine management Engine lubrication Cubic capacity Power output Power output Torque Drivetrain/transmission Safety Type of drive Safety Clutch Ell Transmission Safety	Sports car according to FIA GT3 regulations space Frame (ASF) featuring an aluminum CFRP hybrid design in stressed steel roll cage, CFRP and aluminum bolt-on parts -absorbing aluminum and CFRP crash structures front and rear. Safety concept meets FIA LMP1 crash requirements. Audi Sport PS 1 safety seat, in-roof rescue hatch D engine, 90-degree cylinder angle, four valves per cylinder, sgasoline direct injection, emission control by two exhaust gas catalytic converters for racing Bosch Motorsport Motronic MS6.4 Dry sump (adopted from production model) 5,200 cc Variable by means of restrictors up to 430 kW (585 hp) More than 550 Nm
Chassis Audi S Safety concept Energy Engine Energy Engine type V1 DOHO DOHO Engine management Engine lubrication Cubic capacity Power output Power output Torque Drivetrain/transmission S Type of drive S Clutch El Transmission S	 apace Frame (ASF) featuring an aluminum CFRP hybrid design is tressed steel roll cage, CFRP and aluminum bolt-on parts absorbing aluminum and CFRP crash structures front and rear. Safety concept meets FIA LMP1 crash requirements. Audi Sport PS 1 safety seat, in-roof rescue hatch b engine, 90-degree cylinder angle, four valves per cylinder, e, gasoline direct injection, emission control by two exhaust gas catalytic converters for racing Bosch Motorsport Motronic MS6.4 Dry sump (adopted from production model) 5,200 cc Variable by means of restrictors up to 430 kW (585 hp)
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Torque Drivetrain/transmission Type of drive Clutch Transmission	
Drivetrain/transmission Type of drive Clutch Transmission	
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Clutch El Transmission S	
Transmission S	Rear-wheel drive, traction control (ASR)
	ectro-hydraulically operated three-plate racing clutch (ECA)
	equential, pneumatically operated six-speed performance
Differential	transmission with paddle shifters Limited slip differential, variable preload
Drive shafts	Constant-velocity joint shafts
	contraint volocity joint on and
Suspension/steering/brakes	
Steering	Servo-assisted rack and pinion steering
	nd rear independent suspension, double wishbones, suspension
stru	its with coil springs and adjustable dampers, and adjustable
Brakes Hvdrau	stabilizers front and rear lic dual-circuit braking system, steel brake discs front (380 x 34
blakes liyula	mm) and rear (355 x 32 mm), racing ABS
Wheels	Aluminum forged wheels,
	front 12.5 x 18 inches, rear 13 x 18 inches
Tires	Front 30-68/18, rear 31-71/18
Weight/dimensions	
Length	4.583 mm
Width	1,997 mm
Height	1,171 mm
Homologation weight	1.225 kg
Fuel cell capacity	120
Equipment	
Fire extinguishing system	
Controls	Audi Sport
	Audi Sport and length-adjustable safety steering column, guick-adjustable
Seating system	Audi Sport and length-adjustable safety steering column, quick-adjustable rail-supported foot lever unit

[•] established by BoP of the series organizers