



Technical data Audi R8 LMS (2016*)

Version: February 2015

Model	Audi R8 LMS (2016)
Vehicle	
Vehicle type	Sports car complying with FIA GT3 regulations
Chassis	Audi Space Frame (ASF) in aluminium-CFRP hybrid construction with stressed steel roll-cage, bodywork parts from CFRP and aluminium
Safety concept	Energy absorbing aluminium and CFRP crash structures front and rear. Safety concept fulfils FIA LMP1 crash requirements. Audi Sport PS 1 safety seat
Engine	
Type	90 degree V10 engine, 4 valves per cylinder, DOHC, gasoline direct injection, emission control by two exhaust gas race catalytic converters
Engine management	Bosch Motorsport Motronic MS6.4
Engine lubrication	Dry sump
Cubic capacity	5,200 cc
Power	Variable by restrictor up to 430 kW (585 hp)**
Torque	Over 550 Nm
Drivetrain/transmission	
Transmission type	Rear wheel drive, traction control (ASR)
Clutch	Electro hydraulically activated 3-plate race clutch (ECA)
Gearbox	Sequential, pneumatically activated 6-speed racing gearbox with paddle shift
Differential	Limited-slip rear differential, variable preload
Driveshafts	Constant velocity joints
Suspension/steering/brakes	
Steering	Servo assisted rack and pinion steering
Suspension	Front and rear independent suspension. Double wishbones, damper struts with coil springs and adjustable dampers as well as adjustable front and rear anti-roll bars
Brakes	Hydraulic dual circuit brake system, steel brake discs front and rear, race ABS
Wheels	Forged aluminium wheels, front 12.5 x 18 inch, rear 13 x 18 inch
Tyres	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 tank capacity	120 l
Equipment	
Fire extinguisher system	Audi Sport
Controls	Height and length adjustable safety steering column, quick adjust rail mounted pedal box
Seat system	Audi Protection Seat PS 1

* Market launch 2016

** Determined by BoP of event organisers