

04

TECHNICAL DATA RENAULT SPORT R.S. 01

CHASSIS	
Type	Dallara carbon monocoque chassis and steel roll cage
Safety	Monocoque chassis, roll cage and crashboxes compliant with FIA LMP1 2014 standards, collapsible steering column, Sabelt seat FIA 8862/2009 standard
Bodywork	Composites
Aerodynamic features	Front blade and splitter, stepped flat bottom, rear diffuser and rear wing
ENGINE	
Type	Nismo V6 - 24 valves – 3,799 cm ³
Layout	Longitudinal central rear
Feed	Injection – 2 turbochargers
Max power	> 500 hp
Max torque	> 600 N.m
Max engine speed	6,800 rpm
Electronic management	Pectel SQ6M with traction control
Data acquisition	Cosworth ICD Pro
TRANSMISSION	
Type	Rear wheel drive
Gearbox	Sadev sequential, 7 speed+ reverse
Control	XAP semi-automatic with steering-wheel paddles
Differential	Limited slip
Clutch	ZF Race Engineering, long service life with anti-stall function
RUNNING GEAR AND SUSPENSION	
Suspension	Double wishbone + pushrods
Dampers	Öhlins 2-way adjustable
Brakes	PFC Brakes 380 mm carbon discs, 6-piston calipers, Bosch ABS system
Steering	Hydraulic power steering
WHEELS	
Wheels	Braid wheels, central mounting
Tires	Michelin 30/68 R18 (front) and 31/71 R18 (rear)
DIMENSIONS, WEIGHT AND CAPACITIES	
Length	4,710 mm
Width	2,000 mm
Height	1,116 mm
Wheelbase	2,744 mm
Front/rear track	1,675 / 1,624 mm
Fuel tank	150 liters
Weight	< 1,100 kg

* Pending approval in ongoing tests.