

### Technical Specifications

#### **Porsche 911 GT4 R (Generation 992.2) model year 2027**

##### **Concept**

- Single-seat customer racecar
- SRO GT4 homologated
- Homologation base: 911 Cup (992.2)

##### **Weight/dimensions**

- Total weight\*: approx. 1,515 kg (3,340 lbs)
- Total length: 4,599 mm (181.06 inch)
- Total width (front): 1,920 mm (75.59 inch)
- Total width (rear): 1,902 mm (74.88 inch)
- Wheelbase: 2,468 mm (97.17 inch)

##### **Engine**

- Water-cooled six-cylinder boxer engine
- Displacement 3,996 cm<sup>3</sup>; stroke 81.5 mm; bore 102 mm
- Max. power: 382 kW (520 hp) at 8,400 rpm (subject to SRO BoP classification)
- Max. power with ex works air restrictor (53.7mm): 316 kW (430 hp) at 8,400 rpm
- Max. torque: 470 Nm at 6,150 rpm (subject to SRO BoP classification)
- Max. torque with ex works air restrictor (53.7mm): 422 Nm at 6,150 rpm
- Max. rpm: 8,750 rpm
- Flow optimized single throttle butterfly system; Intake manifold with two resonance flaps; Dry-sump lubrication with oil-water heat exchanger
- Race exhaust system with DMSB certified catalytic converter

- Engine control unit Bosch MS 6.6; Porsche Motorsport Traction Control (PMTTC); Auto-engine-restart for unintentional stalling
- Single-mass flywheel

### **Transmission**

- Porsche six-speed sequential dog-type gearbox; Internal pressure-oil lubrication with active oil cooling via oil-water heat exchanger; Mechanical limited slip differential; Four-plate sintered metal race clutch
- Paddle shift with electronic shift barrel actuator

### **Bodywork**

- Lightweight body featuring intelligent aluminum-steel composite design; integrated (welded) roll-cage in accordance with FIA regulations (permitted for co-driver usage on circuit events)
- Front cover with integrated quick-release fasteners; cooler exit-air duct and central air intake for cockpit ventilation
- Removable rescue hatch in accordance with FIA safety regulations
- Mounting points for lifting device
- Fenders with extensions and integrated louvres; widened front bumper with three-piece spoiler lip; aero optimized front underfloor
- Rear bodywork with integrated rain light in accordance with FIA regulations
- Lightweight exterior: NFRP1 doors with quick release push button; driver's door with integrated safety foam according to SRO GT4 technical regulation and quick release window; NFRP1 rear lid with integrated quick-release fasteners; removable; NFRP1 adjustable rear wing with 'swan neck' mounting (11 positions); polycarbonate windows with hard coating; rear underbody paneling with NACA ducts for brake, driveshaft and shift barrel actuator cooling

### Cockpit

- NFRP1 interior trim panels; ergonomic display touch panel with multi-color backlight, finger guards and real click-force feedback aligned towards driver; multifunctional carbon-fiber reinforced plastic motorsport steering wheel with quick release coupling, ABS & TC adjustment dials, thumbwheels, shift paddles and illuminated push buttons with selective fingerguards
- Adjustable steering column (height & length) with steering angle sensor
- Safety nets (center and driver's side) in accordance with current FIA safety regulations; door-cross roll-cage padding; optimized cockpit ventilation featuring airflow directed at driver; racing bucket seat in accordance with FIA Standard 8862/2009: infinite longitudinal adjustment, two positions for height and inclination adjustment; padding system in three sizes to adapt seat to individual drivers (delivered with size M); preparation for seat ventilation; six-point racing safety harness
- Auxiliary ballast base plate for car weight balancing and optional equipment fixation structure; FT3 safety fuel cell (approx. 110 liters) and dry break couplings for fueling and draining using a fully enclosed system; 'Fuel-Cut-Off' safety valve in accordance with FIA regulations; integrated air-jack system (three jacks) with valve mounting points on either side of the car; additional car ballast components

### Suspension

- Forged control arms & top mounts: stiffness optimized; heavy-duty spherical bearings with dust protection; wheel hubs with 5-stud-connection; 2-way adjustable shock absorbers with motorsport specific valve characteristic; 3 different spring rates for front & rear axle; double-blade-type adjustable anti-roll bars; tire pressure & temperature monitoring system
- Front axle: double wishbone front suspension, adjustable ride-height, camber and toe; electric power steering with reduced turning circle and manual

function to ease car maneuvering; stud connection concept for steering rack fixation

- Rear axle: multi-link rear suspension, adjustable ride-height, camber and toe; motorsport driveshafts with optimized cooling ribs & bearing cage for reliability and durability

### **Brake system**

- Two independent brake circuits incorporating front and rear axle brake pressure sensors, driver adjustable brake force distribution via brake balance system; Bosch Race ABS (Generation 5); racing brake pads; front axle compound RST2E; rear axle compound RSL 19-5; optimized brake ducts; ergonomic brake pedal positioning; improved brake line connection to caliper; software based hydraulic leak detection; enlarged brake fluid reservoirs with fluid level sensor fixation geometry; pressure sensor brake light switch
- Front axle: six-piston aluminum monobloc racing brake calipers with 'anti knock-back' piston springs; ventilated 380 mm x 35 mm steel brake discs mounted on aluminum disc bells; increased friction surface (high annulus brake disc & optimized brake pad geometry)
- Rear axle: four-piston aluminum monobloc racing brake calipers with 'anti knock-back' piston springs; ventilated 380 mm x 32 mm steel brake discs mounted on aluminum disc bells

### **Rims/tires**

- Front axle: single-piece forged alloy rims with 5-hole connection, 11J x 18; treaded Michelin transportation tires; tire size: 30/65-18
- Rear axle: single-piece forged alloy rims with 5-hole connection, 12J x 18; treaded Michelin transportation tires; tire size: 31/71-18

### Electrical system

- 10.3" Porsche color display; Porsche logger; Porsche power box; high precision GPS for track positioning and lap time recording; fire extinguisher system with integrated function- and battery-diagnosis (extinguishing agent: NOVEC gas); lightweight 12 V, 40 Ah battery (LiFePO4) leak-proof, installed in co-driver's footwell; digital display touch panel with dynamic icon/function concept, finger guards, real click-force feedback and car setting adjustment possibility; drivetrain warm-up mode; steering angle reset; brake bias potentiometer reset; fuel spec and exhaust ECU map selection; pit-speed adjustment; 175 A alternator; single-arm windscreen wiper with direct drive (intermittent and continuous operation); three additional center console switches for additional power consumers; data connection (data logger, video system)

### LED Lighting system

- Main headlights with integrated daytime running lights & optional corner light functionality; taillights with stroboscope flash function as engine stall indication; rainlight in compliance with FIA homologation regulation

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