



**PORSCHE**

Press Release

12 December 2020

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## Technical specifications

### **Porsche 911 GT3 Cup (992) model year 2021**

#### **Concept**

- Single-seater customer racing car

#### **Weight / Dimensions**

- Total weight: ca. 1,260 kg
- Length: 4,585 mm
- Width: 1,920 mm (front axle) / 1,902 mm (rear axle)
- Wheelbase: 2,459 mm

#### **Engine**

- Water-cooled six-cylinder boxer rear engine; displacement 3,996 cm<sup>3</sup>; stroke 81.5 mm; bore 102 mm; ca. 375 kW (510 hp) at 8,400 rpm; max. torque 470 Nm at 6,150 rpm; max. rpm 8,750; four-valve technology; single throttle butterfly system; intake manifold with two resonance flaps; engine control unit Bosch MS 6.6; dry-sump lubrication; single-mass flywheel; race exhaust system with DMSB certified catalytic converter; fuel quality: Superplus unleaded, to E20 (min. 98 octane).

## Transmission

- Porsche six-speed sequential dog-type gearbox; paddle shift with electronic shift barrel actuator; mechanical limited slip differential; three-plate sintered metal racing clutch.

## Body

- Lightweight body featuring intelligent aluminium-steel composite design; mounting points for lifting device; removable rescue hatch in roof; welded-in roll-cage, approved for co-driver use on circuits; seat in accordance with FIA Standard 8862/2009, infinite longitudinal adjustment, two positions for height and inclination; six-point racing safety harness, for use with HANS®, adjustable steering column with steering angle sensor; front cover with integrated quick-release fasteners, cooler exit-air duct and central air intake for cockpit ventilation; widened front bumper with spoiler lip; fenders with extensions; rear bodywork with integrated rain light in accordance with FIA regulations; doors, rear cover and rear wing of CFRP; rear wing with 'swan neck' mounting, adjustable in 11 positions; polycarbonate windows with hard coating; air-jack system with three jacks; valve mounting points on either side of the car; 110-litre FT3 safety fuel cell in the front.
- CFRP interior trim panels, multifunctional CFRP motorsport steering wheel with quick-release coupling, shift paddles and illuminated push buttons; ergonomic digital touch panel with multi-colour backlight; safety nets (centre and driver's side) in accordance with latest FIA safety regulations; preparation for seat ventilation; fire extinguisher system with electronic release unit.

## Suspension

- Forged aluminium control arms & top mounts, stiffness optimised; heavy-duty spherical bearings with dust protection; wheel hubs with centre-lock wheel nut; shock absorbers with motorsport-specific valve characteristic; double-blade-type adjustable anti-roll bars; tyre pressure monitoring system.

**Front axle**

- Double wishbone front suspension, adjustable ride-height, camber and toe;
- Electro-mechanical power steering with manoeuvring function.

**Rear axle**

- Multi-link rear suspension, adjustable in ride-height, camber and toe;
- Motor racing drive shafts optimised 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; racing brake pads; optimised brake ducts; ergonomic brake pedal positioning.
- Front axle: Six-piston aluminium monobloc racing brake callipers with 'anti knock-back' piston springs; ventilated 380 mm x 32 mm steel brake discs mounted on aluminium disc bells; aluminium brake disc chamber.
- Rear axle: Four-piston aluminium monobloc racing brake callipers with 'anti knock-back' piston springs; ventilated 380 mm x 32 mm steel brake discs mounted on aluminium disc bells; aluminium brake disc chamber.

**Wheels / Tyres**

- Front axle: Single-piece centre-lock alloy wheels conforming to Porsche specification and design, 12J x 18; tyre dimension 30/65-18
- Rear axle: Single-piece centre-lock alloy wheels conforming to Porsche specification and design, 13J x 18; tyre dimension 31/71-18.

**Electrical system**

- Porsche Logger Unit; Porsche Power Box, 10.3 inch Porsche colour display; lightweight, leak-proof LiFePO4 battery 12V, 60 Ah in passenger footwell; 175 A alternator; digital touch panel with multi-colour backlight; single-arm

windscreen wiper with direct drive (intermittent and continuous operation); three additional centre console switches for additional power consumers; data connection (data logger, video system).

- LED main headlights and daytime running lights; taillights and rain light in LED technology.

*Further information, film and photo material in the Porsche Newsroom: [newsroom.porsche.com](https://newsroom.porsche.com). The Twitter channel @PorscheRaces provides live updates from Porsche Motorsport with the latest information and photos from racetracks around the world.*

