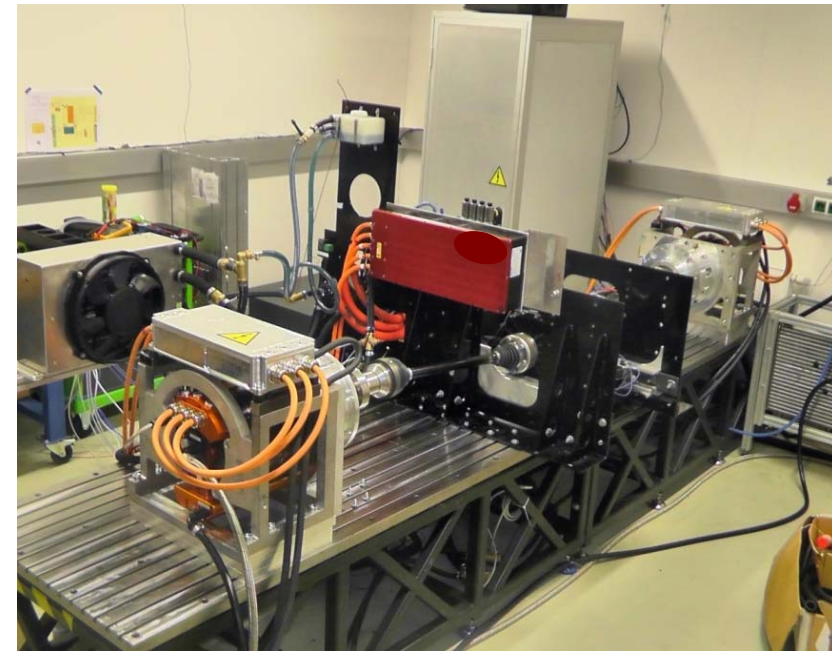


EDrive Test Bench

Test Environment for Electric Drive Trains

- Battery, power electronics, PSM high-performance motors, transmissions, cooling system
- Measurement equipment for energy flows, temperatures and vibrations
- Virtual vehicles and drive cycles
- Modular upgrade possible to: 700V / 600A, motors to 425 Nm, 250 kW



System Performance 2017

- Battery Kreisel, 18 kWh, ca. 380 V, cont. power 80 kW, Rimac (Remy) Engines
- Power supply from facility grid: 40 kW by AC/DC chargers
- System power including recuperation, in 2- or 3-motor-configuration up to ca. 160 kW

Configuration brake motors direct (no transmiss.)

- max. speed 12.000 rpm; max. torque (peak): 280Nm @ 4200rpm; in both directions,

Configuration brake motors with transmission:

- fixed gear ratio 7:1; max. torque (peak): 1960Nm @ 600rpm

