• Data acquisition: dSPACE
• Electric machine: Siemens asynchronous electric motor, 81 [kW] (type 1PA6184-4N100-0GA03)
• Electric motor/load control: Simovert Masterdrives coupled to dSPACE
• Electric machine cooling: Forced air cooling
• Torque sensor: HBM T20WN, 200 [Nm] max.
• Combustion engine: Mazda 13B-DEi, 109 [kW] @ 6500 [rpm], 187 [Nm] @ 3500 [rpm]
• Engine cooling: Coolant to water heat-exchanger, air cooled oil-cooler
• Engine ECU: MegaSquirt MS3X
• Direct injectors: Bosch HDEV 5
• Fuel: Various, originally RON95
• Fuel flow meter: Micro Motion Coriolis flow and density measurement device
• Air flow meter: Bosch 0 280 217 500 Air Mass Flow sensor
• Wide-band Lambda sensor: Bosch LSU4.2
• Wide-band Lambda controller: Innovate Motorsports LC-1
• Pressure sensors: Sensata Technologies