

Internal combustion engine power supply system with heat recovery and oxygen-containing gas supply consists of an ignition key, glow plug control relay, glow plug, intake pipe, exhaust pipe, preheating time indicator lamp, thermoelectric converters located on the exhaust pipe, electric charge accumulator, catalytic converter, additional thermoelectric converters installed on the catalytic converter, temperature sensor installed in the catalytic converter, electronic control unit. Additionally, a fuel-air mixture composition sensor installed in the exhaust pipe, speed sensor, oxygen-containing gas cylinder, solenoid valve, electric oxygen-containing gas dispenser, gas nozzle, throttle position sensor.