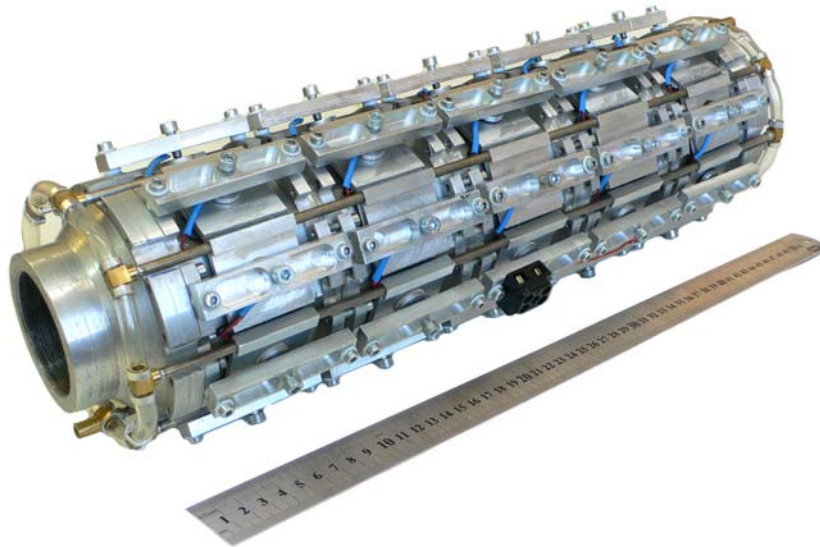




- Thermoelectric generator is intended for electric energy generation through use of vehicular exhaust gas.
- Thermoelectric generator is used for power supply to current-consuming units and devices of a vehicle. It can replace completely a traditional vehicular generator.
- Thermoelectric generator offers high reliability, its service life is at least 15 years.
- The operating principle – conversion of vehicular internal combustion engine exhaust gas to electric energy of heat – enables complete satisfaction of electric power supply requirements on board a car, as well as a truck.

Appearance of thermoelectric generator



- Thermoelectric generator is composed of thermoelectric generator modules, hot gas heat sinks with variable heat exchange coefficients, liquid heat exchangers for heat disposal and hydro and electric connections.

Specifications

Power output, not less	600 W
Voltage output	12/24 V
Inlet gas temperature	820° C
Overall dimensions, mm	540×160×160
Mass	8 kg

- Thermoelectric generator outperforms foreign analogs in the efficiency of heat conversion to electric energy, power output and mass-dimensional characteristics: in the future it can replace dynamos in vehicles.

- Thermoelectric generator can be used in vehicular transport, motor-car construction and the sphere of human activity where internal combustion engines are employed. The installation is adaptable to different power engines and different kinds of fuel.

Order and additional information: General P.O.Box 86, Chernivtsi, 58002, Ukraine; e-mail: ite@inst.cv.ua; tel./fax: (380-3722)-41917; <http://ite.inst.cv.ua>.