

Transversal competencies
Satellites
Orbital systems



Hotblock Onboard develops and manufactures complete thermal control and heat harvesting solutions based on its thermoelectric technologies.

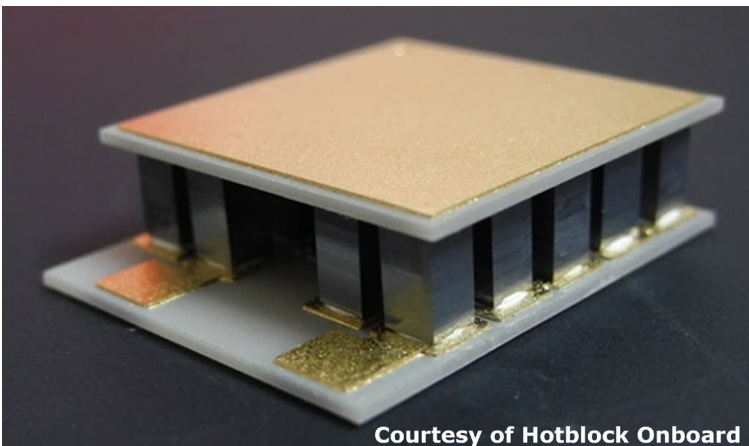
Hotblock Onboard is expert in designing, developing and manufacturing of sub-systems such as Peltier based μ -HVAC for the automotive industry, heat harvesters for Radioisotopic Thermoelectric Generators (RTG) or Peltier coolers for Space applications.

COMPETENCIES & CAPABILITIES

Hotblock Onboard have competencies to design single- and multi-stage thermoelectric devices for both Peltier and heat harvesting modules.

The company has its own fabrication line located in Grenoble (France) to manufacture and test thermoelectric products.

Depending on the customer's applications, we can completely design and produce energy harvesters and thermal control systems including heat exchangers and electronic control boards.



Courtesy of Hotblock Onboard

HOTBLOCK ONBOARD

PRODUCTS & SERVICES

Single- and multi-stage thermoelectric coolers (Peltier modules) and heat harvesters.

Design and thermal modelling of thermoelectric systems.

Complete cooling systems solutions including heat exchangers and electronic control (outside space industry)

MAJOR SPACE PROJECTS & REFERENCES

CNES R&T project on thermoelectric devices.

SODERN's subcontractor in the frame of an activity funded by France Relance investment plan.

POINT OF CONTACT

ADDRESS 43 Chemin du Vieux Chêne
38240 Meylan France

WEBSITE www.hotblock.fr

PHONE +33 (0)4 38 76 00 59 84

POINT-OF-CONTACT : Dufourcq, Joël, Technology Director
joel.dufourcq@hotblock.fr, +33 (0)6 87 01 81 33.

TURNOVER 0.5 M€

WORK FORCE 4 employees

SPACE TURNOVER 0.08 M€

SPACE WORK FORCE 1 employee equivalent.