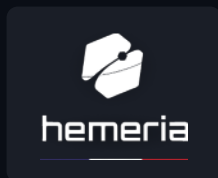


NEWSPACE MARKET · COMPANY PROFILE



# Hemeria

France · [hemeria-group.com/en](https://hemeria-group.com/en)

19

PRODUCTS

5

SERVICES

15

WITH DATASHEETS

[newspacemarket.com/companies/hemeria/](https://newspacemarket.com/companies/hemeria/)

as of 26 August 2026

# Hemeria

HEMERIA designs, produces, and supplies space systems and vehicles, as well as defense systems. Their space product lines include nano and micro satellites (SPECTRA-L40, SPRINT-L60, SPARTA-G70), stratospheric balloons (zero pressure, pressurized, maneuvering BalMan), satellite equipment (harnesses, structures, MLI, zero gravity balloons, solar arrays), and space situational awareness services (SSA data via radar, launch and maneuver surveillance). They also offer Assembly, Integration and Testing (AIT) services and space systems design. For defense, HEMERIA provides electro-optical tracking systems (HYPERIA VT, HYPERION), surveillance tethered aerostat systems (Jackdaw, Eagle Owl, Condor), drone airships, electronic systems through-life support, power conversion and energy storage solutions, and secure systems. HEMERIA serves commercial, institutional, and scientific customers, including the French space agency CNES, key prime contractors, the French defence procurement agency DGA, Armed Forces, homeland security forces, and private security actors. Over 300 satellites are equipped with HEMERIA solutions. The company maintains 1,400 items of equipment annually.

This profile is generated from the live NewSpace Market catalogue. Specifications are as published by the manufacturer; every product links to a page where a request for quotation reaches the company directly.

## Services

|                                                                                                                                                                                                                                |                                                                                                                                                                                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Assemblage, Intégration et Tests (AIT)</b></p> <p>HEMERIA offers controlled, rapid production through assembly, integration, and testing of satellite systems in 4,000 sq-m of clean rooms.</p>                          | <p><b>Installation and Maintenance of Navigation Aid Systems</b></p> <p>HEMERIA offers installation and maintenance services for navigation aid systems, ensuring their proper functioning and longevity.</p> |
| <p><b>Maintenance in Operational Condition (MCO) of Electronic Systems</b></p> <p>HEMERIA provides through-life support for electronic systems, including on-site repairs, spare parts management, and obsolescence watch.</p> | <p><b>Space Systems Design</b></p> <p>HEMERIA designs and produces cutting-edge space systems and vehicles for commercial, institutional, and scientific customers.</p>                                       |
| <p><b>Surveillance de l'Espace</b></p> <p>HEMERIA provides space situational awareness data and services for LEO objects using radar technologies, including GRAVES and MEDOC.</p>                                             |                                                                                                                                                                                                               |

# Product catalogue



## HEMERIA

### Assembly, Integration and Testing (AIT)

HEMERIA offers controlled, rapid production thanks to recognized skills in assembly, integration and testing of satellite systems, ensuring optimized lead-time and quality.

|                                |              |
|--------------------------------|--------------|
| Clean room area                | 4,000 sq-m   |
| Clean room certification       | ISO 8        |
| Electrical test benches        | 10           |
| Satellite integration capacity | 500 kg class |

[price on request](#) [datasheet](#)



## HEMERIA

### BalMan, maneuvering stratospheric balloon

Hemeria develops an innovative stratospheric balloon, BalMan, capable of piloting its trajectory in the stratosphere, facilitating access to space at a lower cost and environmental

|                 |                      |
|-----------------|----------------------|
| Altitude        | Between 16 and 22 km |
| Flight duration | Several months       |
| Payload         | Between 15 and 20 kg |
| Dimensions      | Ø = 20 m             |

[price on request](#) [datasheet](#)



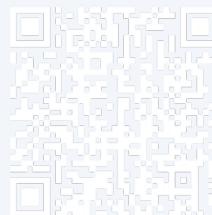
## HEMERIA

### Control and maintenance bench for battery systems

HEMERIA designs and manufactures customized control and maintenance benches for battery systems, enabling charging, discharging, and through-life support for your batteries.

|       |            |
|-------|------------|
| Power | up to 1 MW |
|-------|------------|

[price on request](#)



## HEMERIA

### Données et services SSA LEO via technologies radars

HEMERIA commercializes space surveillance services and provides data from radar sensors based on GRAVES technology.

|                |          |
|----------------|----------|
| Protection     | 24h/24   |
| Tracks per day | ≥ 10 000 |
| Latency        | < 30 min |

[price on request](#) [datasheet](#)

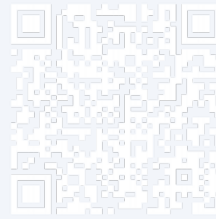


## HEMERIA

### Emergency power supply

HEMERIA designs and manufactures emergency or back-up power supply systems such as uninterruptible power supply (UPS) to power critical systems in the event of main power grid fail

[price on request](#)



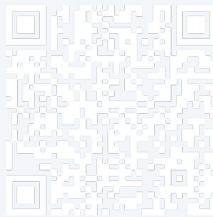
## HEMERIA

### Harnesses

HEMERIA designs, builds, tests and integrates interconnection solutions for equipment used in commercial, defense, and scientific space applications.

[price on request](#)

[datasheet](#)



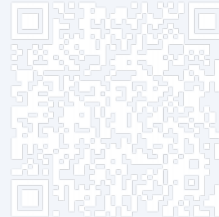
## HEMERIA

### MLI

HEMERIA designs, builds, tests and integrates thermal control subsystems used in all types of applications (commercial, defense, scientific).

[price on request](#)

[datasheet](#)



## HEMERIA

### Power converters

HEMERIA designs and manufactures AC/DC, DC/DC and DC/AC converters, ensuring a high-quality power supply suited to the energy source of your on-board grid.

|                              |                                               |
|------------------------------|-----------------------------------------------|
| Converter solutions          | 1 to 500 kVA                                  |
| Reliability and availability | High levels over several decades              |
| Power density and output     | High                                          |
| EMC environments             | Severe                                        |
| Solutions                    | Customized and modular                        |
| Standards compliance         | Military and nuclear                          |
| Usage constraints            | Thermal, acoustic, electromagnetic, footprint |

[price on request](#)

[datasheet](#)



## HEMERIA

### Pressurized stratospheric balloons

Hemeria's pressurized stratospheric balloons are designed for long-duration missions in environmental studies or meteorology, offering low-cost access to the stratosphere.

|                 |                |
|-----------------|----------------|
| Altitude        | Up to 20 km    |
| Flight duration | Several months |
| Payload         | Up to 50 kg    |
| Dimensions      | 11 and 13 m    |

[price on request](#) [datasheet](#)



## HEMERIA

### Solar arrays

HEMERIA designs and builds solar arrays for all types of spacecraft, nano or micro satellites, rovers and transfer vehicles, offering a reliable and proven solution with controlled

|                  |                                                                                          |
|------------------|------------------------------------------------------------------------------------------|
| Number of panels | 1-3 panels per array                                                                     |
| Range            | From 30 W to 1 KW                                                                        |
| Cells            | Azurspace AZUR 3G30A / Spectrolab XTE CIC                                                |
| Lifetime         | From 5 to 8 years in orbit                                                               |
| Electrical I/F   | Sub D connector                                                                          |
| Orbit            | LEO, GEO, ME0, Exploration                                                               |
| Lead-time        | Design and acceptance tests:<br>6 to 9 months · Design /<br>qualification: 2 to 3 months |

[price on request](#) [datasheet](#)

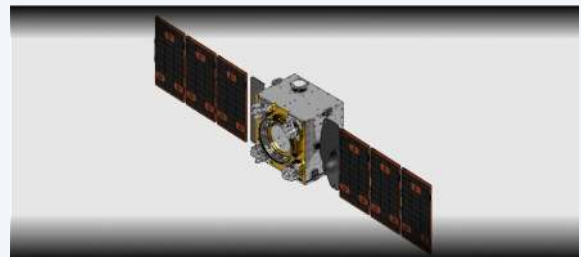


## HEMERIA

### Space Systems Design

HEMERIA works with you to define the optimum technical solution for your space system, combining agility with performance.

[price on request](#)



## HEMERIA

### SPARTA-G70

The HEMERIA SPARTA-G70 is a nanosatellite platform optimized for geostationary orbit services, capable of hosting payloads up to 20 kg and providing significant power and data stor

|                                      |                    |
|--------------------------------------|--------------------|
| Taille de la plateforme              | 460 × 600 × 340 mm |
| Masse de la plateforme               | 50 kg              |
| Masse max. de la charge utile        | 15-20 kg           |
| Volume max. de la charge utile       | > 70 U             |
| Capacité énergétique de la batterie  | 216 Wh             |
| Puissance de la charge utile moyenne | 100 W              |
| Puissance de la charge utile pointe  | 200 W              |

[price on request](#) [datasheet](#)



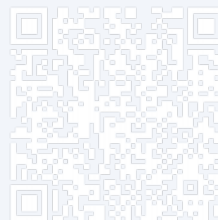
## HEMERIA

### SPECTRA-L40

The SPECTRA-L40 is a nanosatellite platform designed for low-data-rate telecommunication networks, optimized for constellations with efficient power generation across various orbit

|                                                              |                                  |
|--------------------------------------------------------------|----------------------------------|
| Taille de la plateforme                                      | 220x230x500 mm                   |
| Masse de la plateforme                                       | 20 kg                            |
| Masse max. de la charge utile                                | 20 kg                            |
| Volume max. de la charge utile                               | 220 × 230 × 400 mm + 7U internes |
| Capacité énergétique de la batterie                          | 216 Wh                           |
| Puissance de la charge utile (EOL @ 600 km SSO) - 10h30      | 40 W (moy.)                      |
| Puissance de la charge utile (EOL @ 600 km SSO) - 6h00-18h00 | 65 W (moy.)                      |

[price on request](#) [datasheet](#)



## HEMERIA

### SPRINT-L60

Access your own optical, hyperspectral or RF Earth observation capacity thanks to HEMERIA's SPRINT-L60 range of satellites.

|                                  |                                          |
|----------------------------------|------------------------------------------|
| Platform size                    | 483 x 475 x 316 mm                       |
| Platform mass                    | 32 kg                                    |
| Max. payload mass                | 23 kg                                    |
| Max. payload volume              | 483 x 475 x 440 mm                       |
| Battery energy capacity          | 210 Wh                                   |
| Payload power (EOL @ 600 km SSO) | 10 W (avg.) / 70 W (avg.) / 200 W (Peak) |
| DVBS 2 X band Tx                 | 260 - 310 Mbps                           |

[price on request](#) [datasheet](#)



## HEMERIA

### SSA data and services via radar technology

HEMERIA provides space situational awareness and data from radar sensors based on GRAVES technology, offering highly competitive access to space surveillance.

|             |                                  |
|-------------|----------------------------------|
| Data format | TDM, ODM with/without covariance |
| Heritage    | 30 years                         |

[price on request](#) [datasheet](#)



## HEMERIA

### Structures

HEMERIA designs, builds, tests, and integrates aluminum sandwich or monolithic CFRP structures for various space applications, including commercial, defense, and scientific mission

|                                           |                              |
|-------------------------------------------|------------------------------|
| Structures designed per year              | 400                          |
| Satellites in orbit with HEMERIA solution | 200                          |
| AIT capacity for satellites               | up to 500 kg class           |
| Clean room area                           | More than 4,000 sq-m (ISO 8) |
| Maximum structure size accommodated       | 4 meters x 2 meters          |

[price on request](#) [datasheet](#)



## HEMERIA

### Variable speed drives

HEMERIA designs and manufactures variable speed drives to pilot motors and rotating machines in terms of speed and power, offering modular solutions with high reliability and guara

|                           |                          |
|---------------------------|--------------------------|
| Drives and actuator range | 1 kVA up to 100 kVA      |
| Control logic             | FPGA or DSP              |
| Control type              | Open-loop or closed-loop |

price on request



## HEMERIA

### Zero gravity balloons

HEMERIA designs and manufactures zero gravity balloons used during the integration and testing stages of space vehicles to recreate "zero gravity" conditions, and for moving equipm

|                               |                   |
|-------------------------------|-------------------|
| Balloon diameter (ZERO-G 3.2) | 3.2 meters        |
| Volume (ZERO-G 3.2)           | 16 m <sup>3</sup> |
| Maximum payload (ZERO-G 3.2)  | 12 kg             |
| Balloon diameter (ZERO-G 4.0) | 4 meters          |
| Volume (ZERO-G 4.0)           | 32 m <sup>3</sup> |
| Maximum payload (ZERO-G 4.0)  | 26 kg             |
| Balloon diameter (ZERO-G 5.0) | 5 meters          |

price on request

[datasheet](#)



## HEMERIA

### Zero pressure stratospheric balloons

Hemeria's zero pressure stratospheric balloons are primarily utilized by the scientific community for astronomy or astrophysics missions and by space companies for equipment testin

|                 |                                |
|-----------------|--------------------------------|
| Altitude        | Up to 45 km                    |
| Flight duration | A few hours up to several days |
| Payload         | Up to 2 tons                   |
| Volume          | ~ 3,000 m <sup>3</sup>         |

price on request

[datasheet](#)

## Contact Hemeria

Open the company profile on NewSpace Market to see full specifications and datasheets, and to send a request for quotation that reaches the manufacturer directly.

<https://newspacemarket.com/companies/hemeria/>

<https://www.hemeria-group.com/en/>