

NEWSPACE MARKET · COMPANY PROFILE



DHV Technology

Spain · founded 2013 · dhvtechnology.com

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PRODUCTS

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SERVICES

newspacemarket.com/companies/dhv-technology/

as of 26 August 2026

DHV Technology

DHV Technology (DHV Tecnología Espacial Avanzada Malagueña) has been designing and manufacturing power subsystems for satellites since 2013. Headquartered at the Andalusia Technological Park in Málaga, Spain, the company serves CubeSat and small satellite operators worldwide with products that have accumulated thousands of days in orbit. The company's product portfolio spans the full spectrum of satellite power: solar panels for CubeSats (1U to 16U), deployable solar arrays for smallsats, electrical power systems (EPS) with maximum power point tracking, solar array drive assemblies (SADA and microSADA), and multi-layer insulation (MLI) blankets for thermal control. DHV Technology achieved a key milestone in December 2025 with the successful in-orbit demonstration of its PCDU (Power Conditioning and Distribution Unit) aboard a Reflex Aerospace satellite. The company collaborated with Kyushu Institute of Technology on the VERTECS 6U CubeSat mission and has won the International Development Award from Andalucía TRADE. DHV Technology is a member of the International Astronautical Federation (IAF) and participates in ESA's InCubed and JAXA-SMASH programs. The company is managed by Vicente Díaz and Miguel Ángel Vázquez.

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

Services

CONSTELLATION PROJECTS MANUFACTURING

DHV Technology manufactures various solar panel formats for constellation projects, adapting to specific mission requirements.

DEPLOYABLE SOLUTIONS with Environmental Test Qualifications

DHV Technology offers deployable solutions that include environmental test qualifications, ensuring their products meet space environment standards.

DESIGNING CUSTOMIZED PRODUCTS

DHV Technology designs customized power solutions for space missions based on customer requirements, providing the best solution for their project.

Product catalogue

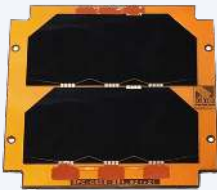


DHV TECHNOLOGY

COTS Solar Arrays for Satellites

DHV Technology offers commercial off-the-shelf solar array solutions for satellites, providing ready-to-market qualified products to reduce engineering costs and project timelines.

price on request



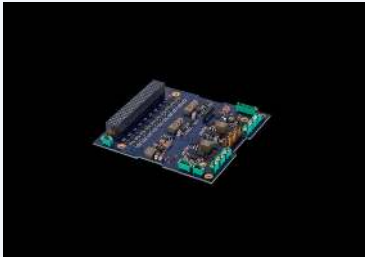
DHV TECHNOLOGY

CubeSat Solar panel DHV-CS-10

Solar panels have been tested in qualified laboratories for space applications, as well as solar cells are fully qualified. Different mechanical and electrical designs can be...

Manufacturer	DHV Technology
Lead time	4 – 5 weeks

€1 450



DHV TECHNOLOGY

Electrical Power Systems (EPS)

DHV Technology offers a range of Electrical Power Systems (EPS) including PCDU for SmallSats, NanoEPS for 3U to 6U CubeSats, PicoEPS for 1U to 2U CubeSats, and MicroEPS for 6U to 1

Pedu power module scalability	starting at 900 W
Pedu battery module capacity	415 Wh ~ 1660 Wh
Nanoeps CUBESAT compatibility	non-deployable 3U to triple deployable 2U, 3U or 6U
Nanoeps power bus generation	3.3 V, 5 V, 12 V and VBAT
Nanoeps form factor	PC104
Picoeps CUBESAT compatibility	1U to 2U
Picoeps power bus generation	3.3 V, 5 V, 12 V and VBAT

price on request



DHV TECHNOLOGY

MLI Blankets

Custom multi-layer insulation (MLI) blankets for CubeSats and small satellites, providing passive thermal control to maintain temperature within operational limits.

price on request

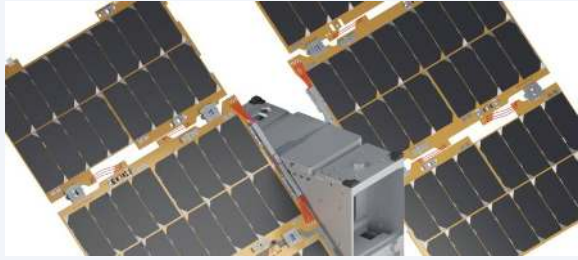


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Multi-layer Insulation Blankets

Multi-Layer Insulation blankets are thermal insulators conformed by multiple layers of optical and electrically conductive materials separated by thin netting spacers.

price on request



DHV TECHNOLOGY

Solar Array Drive Assembly (SADA)

The Solar Array Drive Assembly (SADA) is a mechanism for rotating solar arrays on CubeSats and SmallSats to maintain optimal sun orientation and transfer power to the satellite bus

price on request



DHV TECHNOLOGY

Solar Panels for CubeSats

Body-mounted solar panels for 1U, 2U, 3U, 6U, 12U, and 16U CubeSats with high-efficiency triple-junction solar cells and qualified for LEO missions.

price on request



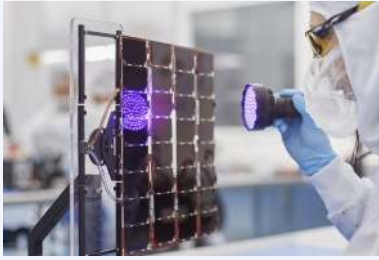
DHV TECHNOLOGY

Solar panels for CubeSats

Standard and custom solar array solutions for CubeSat platforms ranging from 1U to 16U, with deployables and custom cut-out areas available.

Pmp (1U)	2.4 W
Vmp (1U)	4.8 V
Imp (1U)	0.5 A
Mass (1U)	< 50 g
Pmp (2U)	4.8 W
Vmp (2U)	9.6 V
Imp (2U)	0.5 A

price on request

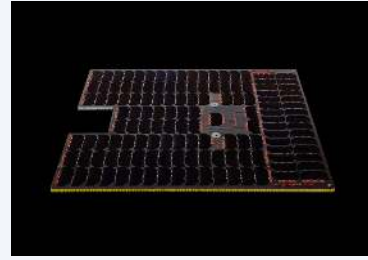


DHV TECHNOLOGY

Solar Panels for Small Satellites

Custom deployable solar array panels for small satellites above 12U, up to 100 kg class, with triple-junction cells and structural integration support.

price on request



DHV TECHNOLOGY

Solar Panels for Small Satellites

Deployable and body mounted tailor-made solar array solutions for small satellites, manufactured on PCBs or honeycomb aluminium substrates covered with carbon fiber reinforced poly

Power Output 100 W, 250 W, 500 W, 1000 W

Solar Cell Efficiency up to 30%

TRL 9

flight proven · TRL 9 price on request

Contact DHV Technology

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.

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