

NEWSPACE MARKET · COMPANY PROFILE



Apogeo Space

Italy · founded 2019 · apogeo.space

3

PRODUCTS

5

SERVICES

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as of 20 August 2026



Apogeo Space

Apogeo Space Srl is an Italian space technology company founded in 2019 and headquartered in Brescia, Italy. The company develops picosatellite platforms in the 0.3U to 6U CubeSat form factor and offers end-to-end IoT satellite connectivity services for industries requiring global asset tracking, environmental monitoring, and sensor data collection in remote locations where terrestrial networks cannot reach. Apogeo Space designs and manufactures its spacecraft hardware in-house, including custom Copper-Beryllium (Cu-Be) a-magnetic antenna elements, antenna deployment cages, sun sensors, and high-efficiency solar panels. The company holds patents on its Cu-Be antenna technology, which allows antennas to be rolled up during launch and autonomously deployed in orbit using the antenna's inherent elastic force — eliminating additional deployment mechanisms. A-magnetic properties reduce in-orbit magnetic disturbances that would otherwise affect attitude control. The 1U, 3U, and 6U satellite platforms offer a scalable, flight-proven foundation for IoT, Earth observation, and communications payloads, with flexible attitude control options (passive or active ADCS), multi-protocol communication (UHF/VHF/S-band; LoRa, FSK, QPSK, MIL-STD), and up to 128 GB onboard data storage. The ultra-compact 0.3U platform targets the smallest missions requiring exceptional performance in a miniaturized form factor. Beyond hardware, Apogeo Space provides full upstream and downstream satellite services, supports integration of customer payloads, and offers IoT connectivity as a service via its picosatellite constellation. The company serves sectors including oil & gas, agriculture, smart cities, maritime, glacier and water infrastructure monitoring, and fire prevention.

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SERVICES

Services

Creation of Bespoke Nano and Picosatellites

Apogeo Space offers turn-key solutions for the creation of bespoke nano and picosatellites, covering the entire process from design to delivery.

Design and Manufacture of Ground Stations

Apogeo Space offers turn-key solutions for the design and manufacture of ground stations, encompassing the entire process from concept to deployment.

IoT Connectivity Service

Apogeo Space provides comprehensive IoT satellite connectivity services, ensuring global coverage for assets using a constellation of picosatellites and ground satellite boosters.

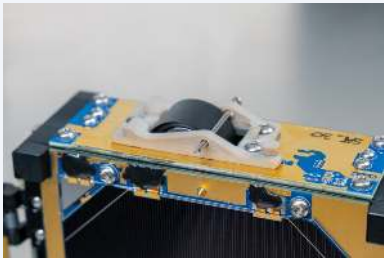
Specialized Services for the Space Industry

Apogeo Space offers a wide range of specialized services for the space industry, covering both upstream and downstream solutions to ensure mission success.

Testing Services for Satellites

Apogeo Space offers comprehensive testing services for satellites up to 16U, utilizing a state-of-the-art Thermal Vacuum Chamber (TVAC) and certified Clean Room to ensure reliability and performance.

Product catalogue



APOGEO SPACE

1U, 3U, 6U CubeSat Platform

Scalable picosatellite platforms for IoT, EO, and communications — 0.5–5 kg payload, passive/active ADCS, UHF/VHF/S-band, LoRa/FSK/QPSK, up to 128 GB storage. TRL 5.9.

Form Factor	1U, 3U, 6U (CubeSat Specification)
TRL	5.9
Payload Mass	0.5–5 kg
Payload Volume	0.3 U – 2.5 U
Payload Power (Average)	3–20 W
Payload Power (Peak)	20–40 W
User Data Storage	Up to 128 GB

price on request



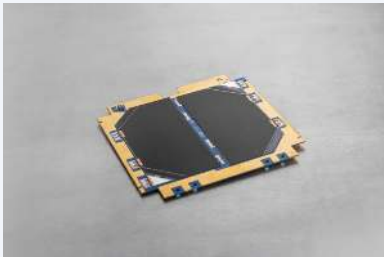
APOGEO SPACE

Cu-Be Deployable Antenna Element

Patented a-magnetic Copper-Beryllium deployable antenna for CubeSats — rolls up for launch, self-deploys elastically in orbit, reduces magnetic disturbance. TRL 9. Customizable fre

Material	Copper-Beryllium (Cu-Be) a-magnetic alloy
TRL	9 (Flight proven)
Standard	CubeSat Specification
Deployment Mechanism	Self-deploying (elastic energy, no springs required)
Frequency	Customizable based on mission requirements
Optional Feature	Tip-mass for passive gravity gradient A0CS
Magnetic Properties	A-magnetic (reduced in-orbit magnetic disturbance)

flight proven · TRL 9 price on request



APOGEO SPACE

Solar Panels for Picosatellites

High-efficiency solar panels optimized for picosatellite platforms to maximize energy output and ensure reliable power generation throughout the mission.

Compatible Platforms	0.3U, 1U, 3U, 6U CubeSat
Configuration	Body-mounted or deployable
Standard	CubeSat Specification

price on request

Contact Apogeo Space

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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<https://www.apogeo.space>

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