

NEWSPACE MARKET · COMPANY PROFILE



ISISPACE Group

Netherlands · founded 2006 · isispace.nl

24

PRODUCTS

5

WITH DATASHEETS

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as of 20 August 2026



ISISPACE Group

ISISPACE Group (ISIS — Innovative Solutions In Space) is a Dutch space company founded in 2006, headquartered in Delft, Netherlands.

A pioneer in the CubeSat industry, ISISPACE designs and manufactures satellite platforms, subsystems, and deployment systems for nanosatellite and microsatellite missions worldwide. The company's product portfolio spans the complete small satellite ecosystem: QuadPack and TubePack deployers for CubeSat ejection from ISS and launch vehicles, ISIS satellite buses from 1U to 12U, ISIS Modular Propulsion System (IMPS), S-Band communication systems, and solar panel assemblies. ISISPACE has delivered hardware to over 50 countries and is a primary supplier to educational, commercial, and government nano-satellite programs. ISISPACE also provides launch brokerage, mission operations support, and ground station network access via its global antenna network. The company's integrated offering enables customers to procure a complete satellite system — from bus to launch — from a single vendor. In 2025, ISISPACE became part of the Thales Alenia Space group, strengthening its position as the European leader in nanosatellite systems and expanding access to prime contractor supply chains.

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.

Product catalogue



ISISPACE GROUP

12-Unit cubesat structure

The ISIS 12-Unit CubeSat structure is developed as a generic, modular satellite structure based upon the CubeSat standard. The design created by ISIS allows for multiple mounting...

Manufacturer	ISISPACE
Lead time	8-12 weeks
price on request	

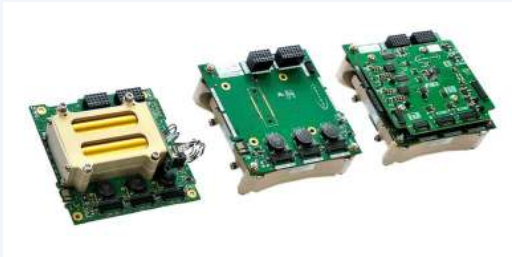


ISISPACE GROUP

16-Unit cubesat structure

The ISIS 16-Unit CubeSat structure is developed as a generic, modular satellite structure based upon the CubeSat standard. The design created by ISIS allows for multiple mounting...

Manufacturer	ISISPACE
price on request	



ISISPACE GROUP

Compact Electrical Power System 2

Compact GaN-FET EPS for up to 3U/6U CubeSats in 3 variants, with MPPT, battery heating, and 22.5–45 Wh energy storage.

Mass — Type A	184 ± 5 g
Mass — Type B	310 ± 5 g
Mass — Type C	360 ± 5 g
Volume — Type A	96 x 92 x 26.45 mm (PCB and top battery)
Volume — Type B	96 x 92 x 11.34 mm (PCB only)
Operating Temperature Range	-20°C to +70°C
Energy Storage — Type A	22.5 Wh
price on request datasheet	



ISISPACE GROUP

CubeSat Platforms

Flight-proven CubeSat platforms in 3U–16U form factors for Earth Observation, IoT, In-Orbit Demonstration, and more. 73+ satellites launched.

Available Form Factors	3U, 3U/6U, 6U, 6U/12U, 12U, 12U/16U, 16U
Payload Volume — 3U(XL)	1.5 – 2U
Payload Volume — 6U(XL)	2.5 – 3U
Payload Volume — 8U	4U
Payload Volume — 12U(XL)–16U	8 – 12U
TT&C — VHF/UHF (3U/XL)	9.6 kbps uplink & downlink
TT&C — VHF/UHF (6U/XL)	9.6 kbps uplink / up to 0.5 Mbps downlink
price on request	



ISISPACE GROUP

Deep Space Deployer

ESA-approved multi-staged separation system for deep space exploration, enabling pre-release health checks of satellites in space.

Compatible Satellite Size	6UXL
Mass	4.9 kg
Closed Envelope (L x W x H)	272 x 156.7 x 432.4 mm
Open Envelope (L x W x H)	272 x 206.77 x 555.05 mm
Release Speed	3 cm/s (can be modified)
Payload Mass	max 12.5 kg
CubeSat Release System (CRS)	Facilitates low velocity release of the satellite

[price on request](#)



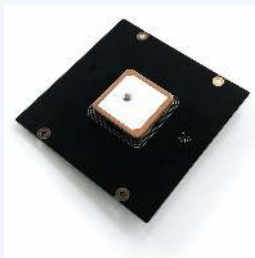
ISISPACE GROUP

DuoPack Deployer

Lightweight CubeSat deployer for satellites up to 6UXL, lightest deployer in the market with 10+ years flight heritage.

Type XL configurations	1XL (1x 6UXL satellite), 2XL (2x 3UXL satellite)
Mass	4.1 – 4.8 kg
Closed Envelope (L x W x H)	272 x 193.4 x 445.7 mm
Open Envelope (L x W x H)	272 x 146.7 x 432.4 mm
Release Speed	0.8 – 1.8 m/s
Payload Mass	max 12 kg (can be increased)
Flight Heritage	10+ years

[price on request](#)



ISISPACE GROUP

GNSS Active Patch Antenna

Compact, flight-proven active GNSS patch antenna for GPS-L1 / GALILEO-E1 positioning on CubeSats, mounted on Rogers PCB for minimal RF losses.

Mass	< 20 g
Dimensions	58 x 58 x 9.7 mm
Operational Temperature	-20°C to +60°C
Frequency Range	1572 – 1578 MHz (GPS L1 / GALILEO E1)
Signal Gain (active circuitry)	34.5 dB
Antenna peak gain	< 5.2 dBic (approx.) at 1575 MHz
Axial ratio	< 3 dB

[price on request](#)



ISISPACE GROUP

ISIS Modular Electrical Power Subsystem version 2 (v2)

The ISIS Modular Electrical Power Subsystem (IMEPSv2) is a second-generation, flexible EPS designed for larger nano-satellites and microsatellites from 3U upwards, offering improve

Manufacturer	ISISPACE
price on request	datasheet



ISISPACE GROUP

ISISPACE 12U/16U CubeSat Bus

The ISISPACE 12U/16U CubeSat Bus is a satellite platform equipped with advanced subsystems for demanding missions, offering significant payload space and power.

Manufacturer

ISISPACE

price on request



ISISPACE GROUP

ISISPACE Antenna – VHF/UHF Deployable 6U/12U

A deployable VHF/UHF antenna system for 6U and 12U CubeSats, offering various RF configurations and a dual-redundant deployment mechanism.

Manufacturer

ISISPACE

price on request



ISISPACE GROUP

ISISPACE Compact Electrical Power System

The ISISPACE Compact Electrical Power System (CEPS) is a second-generation compact power system for nanosatellites, ideal for 1U to 3U CubeSats, featuring GaN-FETs for improved sol

Form Factor	Compact single PC/104 form factor board solution
MCUs	FRAM based MCUs for improved radiation tolerance
Protection	Hardware voltage, over-current protection
MPPT	Hardware-based maximum power point tracking
Power Consumption	Designed for low (idle) power consumption
Solar Panel Interface	Utilizes GaN-FETs
Customization	Allows customizations through mountable daughter-board

price on request

[datasheet](#)



ISISPACE GROUP

ISISPACE Training Platform

This cost-effective Training Platform can support hands-on training and education for small satellite design and engineering, perfect to kickstart your small satellite program....

Manufacturer

ISISPACE

€9 800

[datasheet](#)



ISISPACE GROUP

Microsatellite Separation System (M3S)

Three-point microsatellite launch adapter for satellites up to 120 kg: shock-free deployment, Falcon 9 / PSLV / Vega compatible.

Maximum Satellite Mass	120 kg
Interface Type	Three-point launch adapter
Deployment Features	Shock-free deployment, low tip-off rates
Launch Vehicle Compatibility	Falcon 9, PSLV, Vega and others
Customisation	Tailored to customer satellite interface requirements
Status	New product in portfolio

price on request



ISISPACE GROUP

Modular Deployment Sequencer

Dual-redundant deployment sequencing system for precise multi-satellite deployment control and launch vehicle telemetry.

Mass	~1 kg (4 deployers, external power) to ~2 kg (8 deployers, internal power)
Volume	250 x 100 mm base area (height dependent on number of modules)
Pulse Power Supply	28V $\pm$ 4V
Pulse Power Supply Duration	0.1–2 s
Activation Pulse	Purely resistive load, galvanic isolation, serial switch across 2x 10 0hm resistors (2W ra
RF Characteristics	Meets EMI/EMC standards per launch vehicle payload user guides
Digital Interface	Analog breakwire, RS485, RS422, USART, CAN Bus, Ethernet

price on request



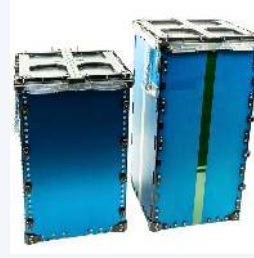
ISISPACE GROUP

Modular Electrical Power System 2

Second-generation modular EPS for 3U+ CubeSats, with distributed architecture, 45 Wh per battery pack, and 12 configurable output channels.

Mass — PCU	58 g
Mass — PBP	252.0 g
Mass — PBU	48.7 g
Mass — PDU	58 g (incl. Full CSKB)
Volume — PBP	90 x 96 x 21 mm
Volume — PCU	90 x 96 x 12 mm
Volume — PBU	90 x 96 x 10 mm

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



ISISPACE GROUP

QuadPack Deployer

Versatile lightest-in-class CubeSat deployer for 1U–16U satellites with 100% success rate over 250+ units delivered.

12UXL QuadPack configurations	1XL (1x 12UXL satellite), 2XL (2x 6UXL satellite), 3XL (2x 3UXL + 1x 6UXL), 4XL (4x 3UXL)
16U QuadPack configurations	1.4 (1x 16U satellite), 2.4 (2x 8U satellite)
Mass	6.6 – 8.1 kg
Closed Envelope (L x W x H)	12UXL: 272 x 273 x 434.4 mm; 16U: 272 x 273 x 524.5 mm
Open Envelope (L x W x H)	12UXL: 365.4 x 273 x 547.7 mm; 16U: 365.4 x 273 x 635.8 mm
Release Speed	0.8 – 1.8 m/s
Payload Mass	max 24 kg (can be increased)

[price on request](#)



ISISPACE GROUP

S-Band Patch Antenna

Passive RHCP S-Band patch antenna for 2200–2290 MHz downlink on CubeSats, 6.5 dBic gain, <60 g, flight heritage since 2021.

Mass	< 60 g
Dimensions	Diameter: 80 mm; Height (without connector): 5.0 mm; Connector height (straight): 9 mm
Operational Temperature	-20 to +50°C
Frequency Range	2200–2290 MHz
Gain in boresight (centre frequency)	6.5 dBic
Half Power Beam Width	100°
Return Loss (across frequency range)	> 10 dB

[price on request](#)



ISISPACE GROUP

S-Band TMTC Antenna

Passive RHCP S-Band patch antenna covering both uplink (2025–2110 MHz) and downlink (2200–2290 MHz) for CubeSat TT&C.

Mass	< 60 g
Dimensions	Diameter: 78 mm; Height with connector: 16.0 mm
Operational Temperature	-20 to +60°C
Frequency Range	2025–2110 MHz (uplink) and 2200–2290 MHz (downlink)
Gain in Boresight (centre frequency)	> 6 dBic
Half Power Beam Width	100°
Return Loss (across frequency range)	> 10 dB

[price on request](#)



ISISPACE GROUP

Satellite Solar Panels

High-efficiency GaAs triple-junction CubeSat solar panels for 1U–12U missions, with integrated sun and temperature sensors.

Mass — 1U	50 g
Mass — 2U	100 g
Mass — 3U(XL)	150 g
Mass — 6U(XL)	300 g
Mass — 8U	400 g
Panel Thickness	1.2 – 2.0 mm (typical)
Interfaces	Custom flat inline OMNETICS (2 mm height), Raychem Spec44 AWG26 cables

price on request



ISISPACE GROUP

TestPod

Flight-representative test and transport container for CubeSats 1U–16U, enabling mission validation and transportation safety.

Operational Temperature	-50 to +100°C
Empty Mass	5.6 – 13.4 kg
Payload Mass (typical) — 3UXL	3.0 kg
Payload Mass (typical) — 6UXL–8U	6.0 kg
Payload Mass (typical) — 12UXL–16U	12.0 kg
Payload Mass (maximum) — 3UXL	6.0 kg
Payload Mass (maximum) — 6UXL–8U	12.0 kg

price on request



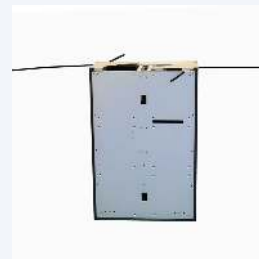
ISISPACE GROUP

Tulip

Modular multi-payload adapter interfacing launch vehicle structure to microsatellites and CubeSat deployers, supporting up to 6 petals.

Mass (two petals)	~38 kg (estimate)
Mass (four petals)	70.1 kg
Mass (six petals)	~100 kg (estimate)
Payload fairing envelope diameter	~2 m
Interface to LV	36x D24 thread holes
Interface to payload (Central Module)	24x D15 or 12x D8 thread holes
Interface to payload (Petals Module)	24x D15 or 12x D8 thread holes

price on request



ISISPACE GROUP

VHF/UHF Antenna for 6U+

The ISISPACE VHF/UHF Antenna for 6U+ offers reliable and customizable antenna solutions for CubeSats models from 6U and up, with versatile configurations and proven flight heritage

Mass	90-115 g (customisable)
Envelope stowed (L x W x H)	98×98 mm (height depends on configuration)
Power consumption Nominal	80 mW
Power consumption During deployment	< 2.3 W
Electrical Interface	Miniature 9 pin OMNETICS connector
Data Interface	I2C
RF input/output Interface	MMCX female 50 Ohm

price on request



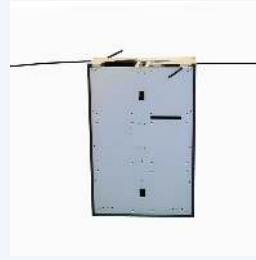
ISISPACE GROUP

VHF/UHF Antenna System 1

Deployable VHF/UHF antenna system for 1U–3U CubeSats with up to 4 tape-spring antennas, redundant thermal knife deployment, and I2C interface.

Mass	< 90 g
Envelope Stowed (L x W x H)	98 x 98 x 7 mm (including aluminium cover plate)
Power Consumption — Nominal (3V3 model)	< 40 mW
Power Consumption — Nominal (5V model)	< 60 mW
Interfaces	Electrical: Miniature 9-pin OMNETICS connector; Data: I2C
Frequency Range	145 MHz – 868 MHz
Antenna Return Loss at Resonance	> 10 dB

price on request



ISISPACE GROUP

VHF/UHF Antenna System 2

Customizable deployable VHF/UHF antenna for 6U+ CubeSats and microsatellites in monopole, dipole, or turnstile configurations, flight heritage since 2020.

Mass	90–115 g (configuration-dependent)
Envelope Stowed (L x W x H)	98 x 98 mm (height depends on configuration)
Power Consumption — Nominal	80 mW
Power Consumption — During Deployment	< 2.3 W
Interfaces	Electrical: Miniature 9-pin OMNETICS connector; Data: I2C; RF: MMCX female
Operational Temperature Range	-20°C to +80°C
Deployment Temperature Range	-5°C to +80°C

price on request

Contact ISISPACE Group

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/isispace/>

<https://www.isispace.nl>

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