NEWSPACE MARKET

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CALT (China Academy of Launch Vehicle Technology)

China · founded 1957 · calt.spacechina.com

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PRODUCTS

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as of 20 August 2026

ABOUT

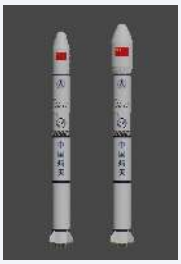
CALT (China Academy of Launch Vehicle Technology)

Chinese state launch vehicle design organisation in Beijing (CASC subsidiary); Long March 2F (crewed), LM-3B/C, LM-5/5B, LM-7, LM-8 rockets; 130+ launches from 1970; backbone of China's crewed and commercial space.

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.

PRODUCTS

Product catalogue



CALT (CHINA ACADEMY OF LAUNCH VEHICLE TECHNOLOGY)

Long March 2C (LM-2C / CZ-2C)

The Long March 2C is a Chinese medium-lift, two-stage orbital launch vehicle developed by the China Academy of Launch Vehicle Technology (CALT). It uses storable N2O4/UDMH propella

Function	Medium-lift launch vehicle
Manufacturer	China Academy of Launch Vehicle Technology
Country of origin	China
Height	42 m (138 ft)
Diameter	3.35 m (11.0 ft)
Mass	233,000 kg (514,000 lb)
Stages	2

price on request

CALT (CHINA ACADEMY OF LAUNCH VEHICLE TECHNOLOGY)

Long March 3B

The Long March 3B (CZ-3B or LM-3B) is a Chinese orbital launch vehicle, the heaviest variant of the Long March 3 family, primarily used for placing communications and navigation sa

Function	Launch vehicle
Manufacturer	China Academy of Launch Vehicle Technology (CALT)
Country of origin	China
Cost per launch	US$50-70 million
Diameter	3.35 m (11.0 ft)
Stages	3 / 4
Payload to LEO Mass	11,500 kg (25,400 lb)

price on request

CALT (CHINA ACADEMY OF LAUNCH VEHICLE TECHNOLOGY)

Long March 4B

The Long March 4B (LM-4B) is a Chinese three-stage expendable medium-lift launch vehicle primarily used for deploying satellites into low Earth orbit (LEO) and Sun-synchronous orbi

Function	Medium-lift launch vehicle
Manufacturer	Shanghai Academy of Spaceflight Technology
Country of origin	China
Cost per launch	US$50 million (2006)
Height	44.1 m (145 ft)
Diameter	3.35 m (11.0 ft)
Mass	249,200 kg (549,400 lb)

price on request

CALT (CHINA ACADEMY OF LAUNCH VEHICLE TECHNOLOGY)

Long March 5

Long March 5 (CZ-5) is China's most powerful heavy-lift orbital launch vehicle, developed by CALT, capable of delivering up to 25,000 kg to LEO or 14,000 kg to GTO.

Function	Heavy-lift launch vehicle
Manufacturer	CALT
Country of origin	China
Cost per launch	~US$160 million
Height	56.97 m (186.9 ft) (standard); 63.2 m (207 ft) (extended fairing)
Diameter	5 m (16 ft)
Mass	851,800 kg (1,877,900 lb)

price on request

CALT (CHINA ACADEMY OF LAUNCH VEHICLE TECHNOLOGY)

Long March 7

Chinese liquid-fuelled medium-lift launch vehicle of the Long March family, developed by CALT, used primarily to launch Tianzhou cargo spacecraft to the Tiangong space station.

Function	Medium to heavy-lift launch vehicle
Manufacturer	China Academy of Launch Vehicle Technology
Country of origin	China
Diameter	3.35 m (11 ft)
Payload to LEO - Altitude	200 km × 400 km (120 mi × 250 mi)
Payload to LEO - Orbital inclination	42°
Payload to LEO - Mass	13,500 kg (29,800 lb)

price on request

Contact CALT (China Academy of Launch Vehicle 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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