

# Chang'e-1 Solar Power Station

When was Chang'e 5T1 launched?

It landed on 3 January 2019 on the South Pole-Aitken Basin, on the far side of the Moon, and deployed the Yutu-2 rover. The third phase included a lunar sample-return mission. Chang'e 5-T1 was launched on 23 October 2014. It was designed to test the lunar return spacecraft.

What is a Chang'e-1 spacecraft?

The first spacecraft in the program, Chang'e-1, is referred to as the "lunar orbiting mission," will provide observations in a low lunar orbit of about 200 km altitude. 1) Note: Chang'e-1 is also spelled as Chang'E-1 as well as CE-1 (Chang'E-1). The science objectives of the Chang'e-1 mission are:

What is the Chang'e 7 mission?

The mission returned samples to Earth from Apollo Basin on the far side of the Moon. It also carried a Chinese rover called Jinchang to conduct infrared spectroscopy of lunar surface and imaged Chang'e 6 lander on lunar surface. Chang'e 7, expected to launch in 2026, is a mission that will explore the south pole for resources.

Does China launch a Chang'e-4 spacecraft?

"China launches Chang'e-4 spacecraft for pioneering lunar far side landing mission", SpaceNews. Retrieved June 5, 2023. ^Jones, Andrew (December 12, 2018). "Chang'e-4 spacecraft enters lunar orbit ahead of first-ever far side landing", SpaceNews. Retrieved June 5, 2023. ^Jones, Andrew (January 3, 2019).

What does Chang'e 1 mean?

Chang'e 1 ( /tʃəŋˈeɪ/; simplified Chinese: 嫦娥一号; traditional Chinese: 嫦娥一號; pinyin: Cháng'é Yīhào) was an uncrewed Chinese lunar-orbiting spacecraft, part of the first phase of the Chinese Lunar Exploration Program. The spacecraft was named after the Chinese Moon goddess, Chang'e.

How did Chang'e 1 & 2 get into Earth-Moon?

The Chang'e 1 and Chang'e 2 probes were first sent into highly elliptical Earth orbits. After separating from their launch vehicles, they entered an Earth-Moon transfer orbit through three accelerations in the phase-modulated orbit.

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The solar power plant is also known as the Photovoltaic (PV) power plant. It is a large-scale PV plant designed to produce bulk electrical power from solar radiation. The solar power plant uses solar energy to produce electrical power. ...

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OverviewHistoryChinese space program and the international communityOrganizationNotable spaceflight programsList of launchers and projectsSee alsoThe Chinese space program began in the form of missile research in the 1950s. After its birth in 1949, the newly founded People's Republic of China was in pursuit of missile technology to build up the nation's defense for the Cold War. In 1955, Qian Xuesen (???), the world-class rocketry scientist, returned to China from the United States. In 1956, Qian submitted a proposal for the developme...

OverviewInternational cooperationEngineering ProgramProgram structureKey technologiesGallerySee alsoExternal linksChang'e 1: The first Chinese lunar orbiter, launched in 2007. It carried a European Space Agency (ESA) instrument called D-CIXS, which measured the elemental composition of the lunar surface. It also received tracking and data relay support from ESA's ground stations in Australia and Spain. Chang'e 2: The second Chinese lunar orbiter, launched in 2010. It carried a laser altimeter provided by the German Aerospace Center (DLR), which mapped the lunar topography with hig...

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