

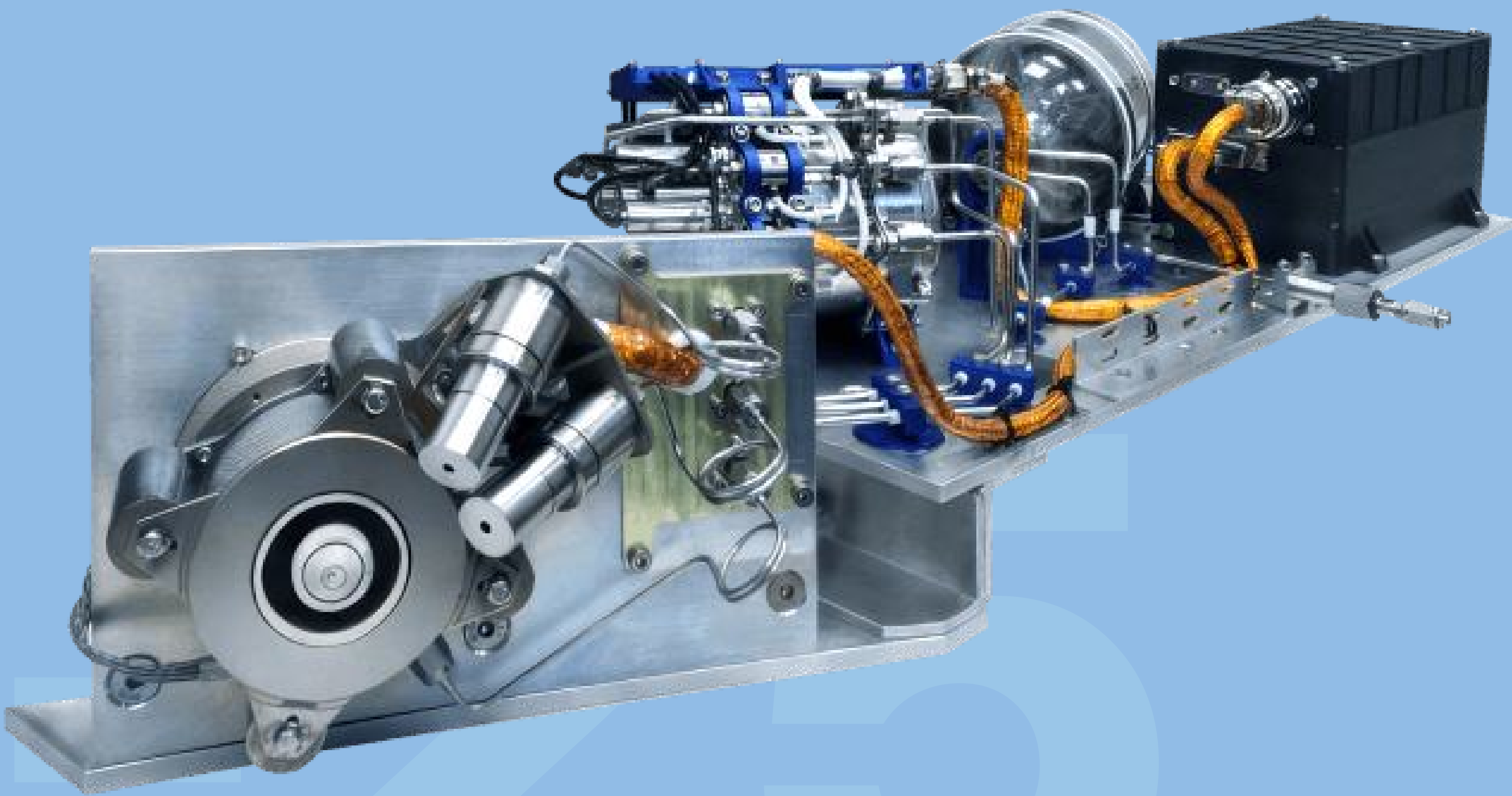
SPS-25 PRODUCT SHEET



The SPS-25 is a compact electric propulsion system designed for small satellites with a mass of up to 500 kg. It provides efficient and reliable in-orbit maneuvering, supporting tasks such as orbit control, position adjustment, and end-of-life deorbiting.

Optimized for modern small satellite platforms, the SPS-25 combines low system mass with fast production and integration capabilities, enabling rapid deployment and reduced mission timelines. Its design ensures stable performance and high efficiency, making it a practical solution for both constellation and standalone missions.

The SPS-25 offers a balanced combination of performance, simplicity, and manufacturability, addressing the growing demand for cost-effective and responsive space propulsion solutions.



Technical Information



Type of thruster	Hall-effect thruster ST-25
Propellant	Xenon, Krypton
Total power consumption, W	120 – 275
Thrust, mN	Up to 14
Specific impulse, s	Up to 1500
Total Impulse (one thruster configuration), kN•s	Up to 75
Dry mass (without tank), kg	Up to 5
TRL Level	9