

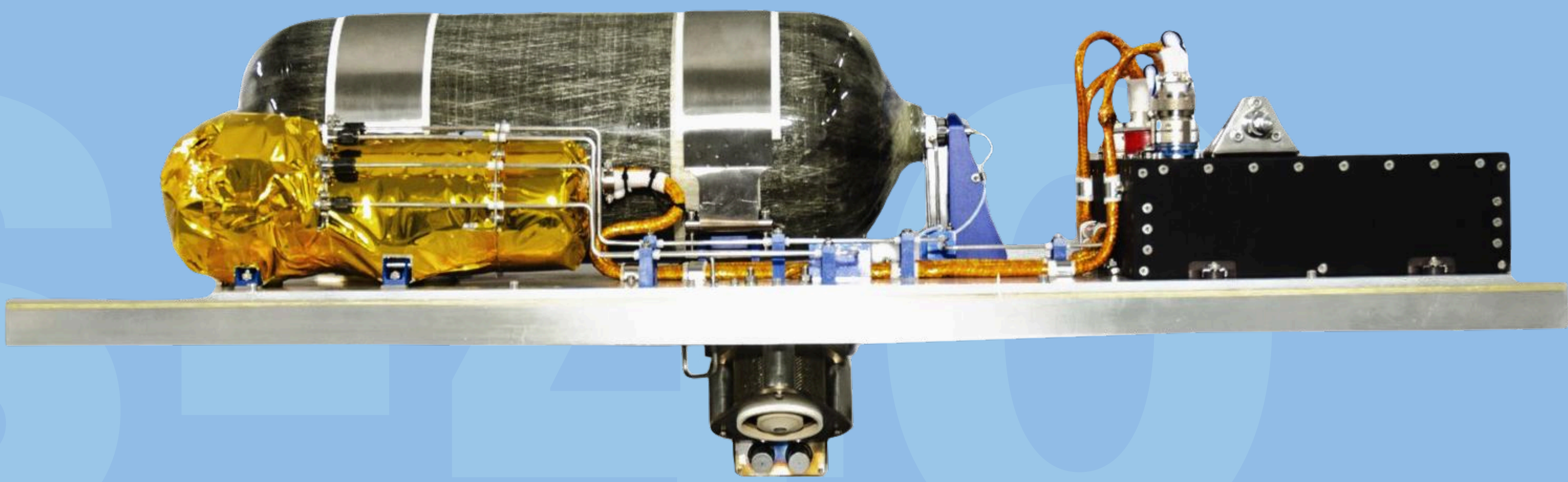
SPS-40 PRODUCT SHEET



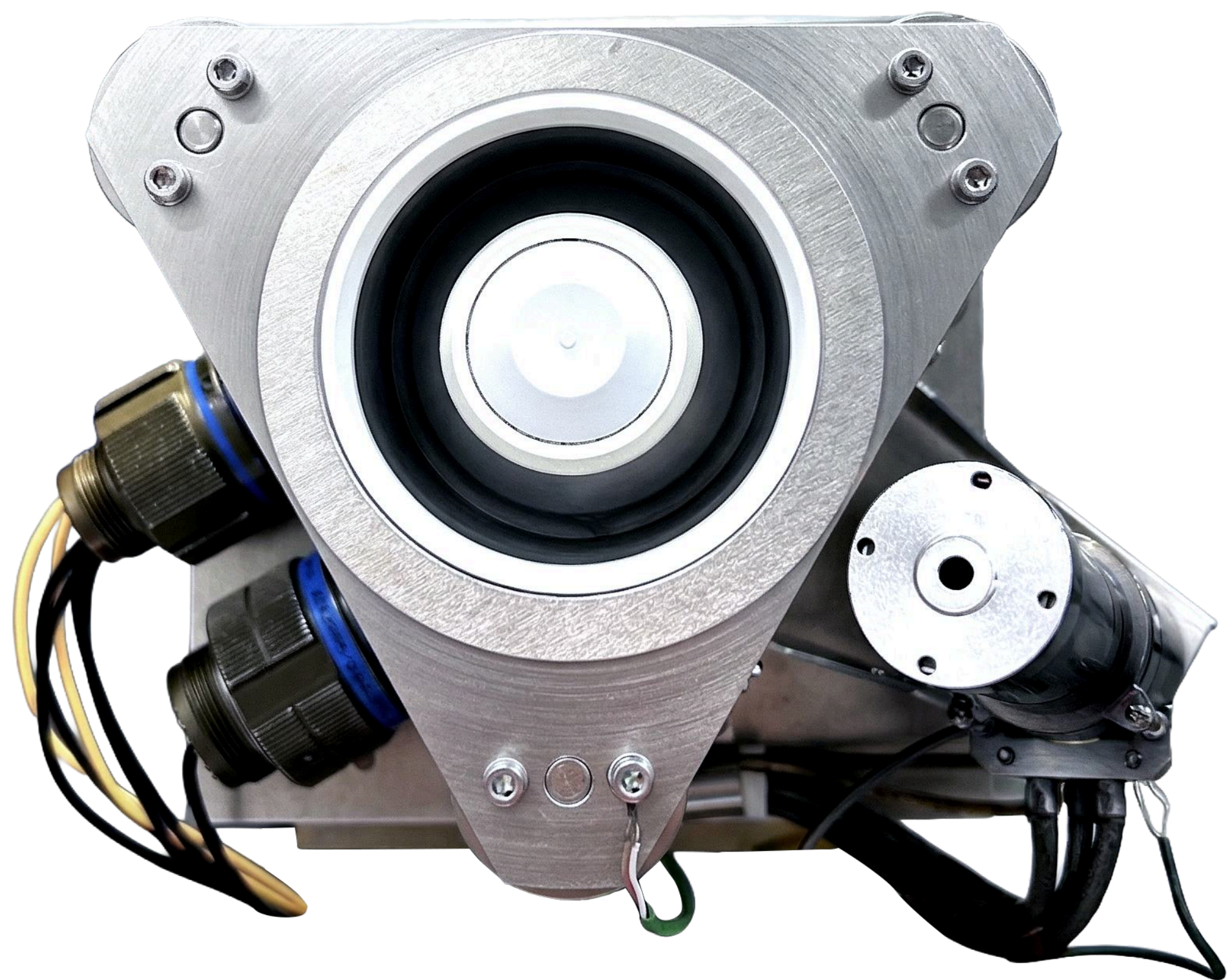
The SPS-40 is an advanced electric propulsion system developed to deliver efficient and precise in-orbit maneuvering for a wide range of satellite missions.

The system integrates ST-40 Hall-effect thruster(s), a xenon storage and feed system, and a Power Processing Unit into a cohesive and scalable architecture. Designed for high efficiency and stable operation, SPS-40 enables significant total impulse.

The system configuration and key parameters can be tailored to specific mission requirements, ensuring optimal performance for each application. Its balanced combination of performance, reliability, and system integration makes SPS-40 a robust solution for modern space missions.



Technical Information



Type of thruster	Hall-effect thruster ST-40
Propellant	Xenon, Krypton
Total power consumption, W	300 – 600
Thrust, mN	Up to 31
Specific impulse, s	Up to 1650
Total Impulse (one thruster configuration), kN•s	Up to 300
Dry mass (without tank), kg	Up to 9
TRL Level	9