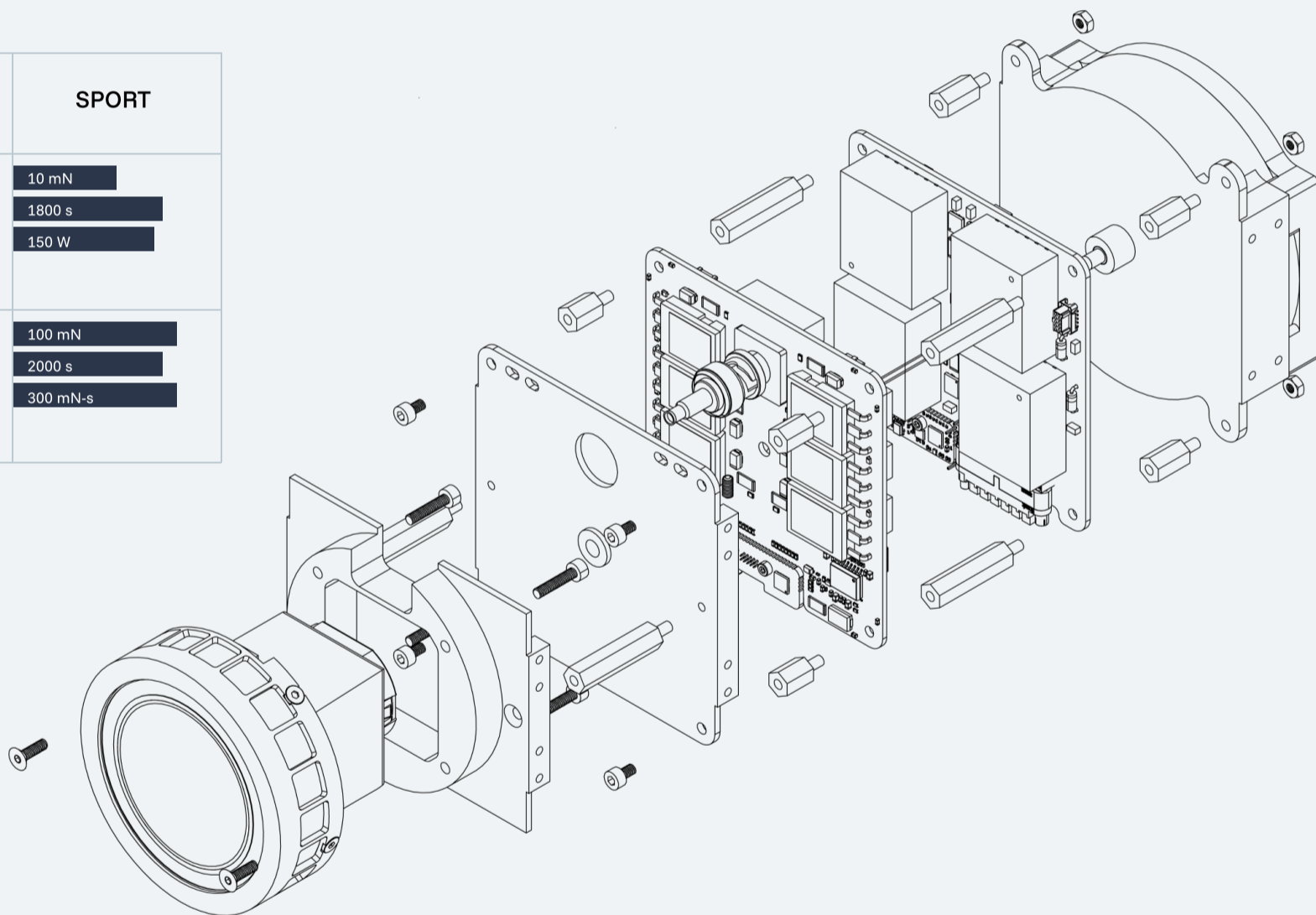


	<b>ROGUE</b>	<b>WARLOCK</b>
POWER	0.2 – 100 w	0.2 – 150 w
THRUST	0.1 – 30 mN	0.1 – 100 mN
SPECIFIC IMPULSE	1800 – 3500 s	1800 – 3500 s
TOTAL IMPULSE	>3 kNs	>50 kNs
ENERGY STORAGE	10 kJ	50 kJ
MASS (full system)	2.5 kg	2.5 kg
THRUST VECTOR	10° (TBC)	10° (TBC)
DIMENSIONS	20x10x10 cm + 'tunacan'	20x10x10 cm + 'tunacan'
AVAILABLE	2025	2026

**One thruster – four modes**

ECO		SPORT
<b>Continuous</b>		
4 mN	Thrust	10 mN
4500 s	ISP	1800 s
150 W	Max power	150 W
<b>Pulsed</b>		
40 mN	Thrust	100 mN
5000 s	ISP	2000 s
120 mN-s	Impulse	300 mN-s

Warlock predicted performance



**Charge up, charge out**

The Magdrive thruster uses a **pulsed power system (PPS)** to deliver a **multi-kA, multi-MW** electrical current pulse to the plasma injector, where a small amount of solid metal propellant is vaporized into a plasma and accelerated to high velocities. This is referred to as a **shot**. Operating at high frequency, these shots of plasma are passed through a **magnetic chamber** which accelerates and directs the **plasma exhaust**, producing thrust at a high specific impulse



**Customizable performance**

Enables adjustable specific impulse and deep throttling for rendezvous, proximity operations, and precise maneuvering



**Integrated microprocessor**

Commanded through the satellite's master controls for an easy-to-integrate propulsion system



**Storable metal propellant**

Removes the need for heavy fuel tanks, cryogenics or pressurization, and eliminates handling hazards



**Directional thrust**

By altering its magnetic properties, a single thruster can vector up to 10° for main propulsion or attitude control