BHT-350

Hall Effect Thruster

The perfect size for constellations.

Designed for high volume production. Exceptional performance and lifetime.

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Built with lessons learned from the BHT-200, the BHT-350 offers a solution that scales for new space applications. The BHT-350 was designed with modern manufacturing methods, and an innovative shell design coupled with precise magnetic lensing makes the BHT-350 the perfect low cost solution for constellations or small satellites.

We designed the BHT-350 for a new era of satellites. Sized for orbit operations and built specifically to minimize part count and assembly time, the BHT-350 perfectly fills the needs of new space for an economical propulsion solution without compromising on performance.

Table: Standard Specifications

Nominal Discharge Power:	300 W	**Thruster Mass:**	1.7 kg
Throttle Range:	200 W - 600 W	**Cathode Mass:**	0.2 kg
Nominal Thrust:	17 mN	**Demonstrated Impulse:**	244 kN-s
Nominal Specific Impulse:	1244 seconds	**Predicted Total Impulse:**	> 250 kN-s
Propellants:	Xenon, Krypton, Iodine		

Busek provides complete and fully integrated Hall Effect thruster systems that work with the BHT-350, including cathode, power processing unit, digital control unit, and propellant management systems.

11 Tech Circle, Natick Ma 01760 | 508.655.5565 | info@busek.com
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