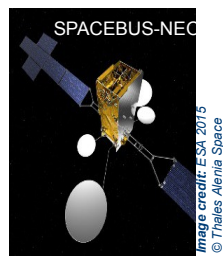
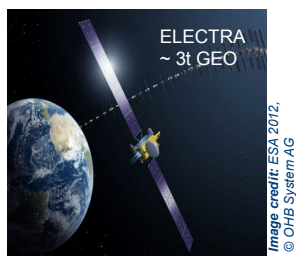


L-XTA / 300-500 Family 2

Xenon Tank – Electric Propulsion (EP)



Under Development for
**ELECTRA &
NEOSAT/SPACEBUS-NEO**
Platforms



Heritage		
Fluids		Xenon
Materials	Shell	Ti-6Al-4V
	Tube	Ti-3Al-2.5V
	Overwrapped	Epoxy-based CFRP / T800
Mounting interface		equatorial skirt

Total Volume	300 - 500 l	18.307 - 30.512 in ³
Temperature Range	up to 50 °C	up to 122 °F
Tank Dry Mass	40 - 60 kg	88,2 - 132,3 lbs
Diameter	907 mm	35,71 in
Length	802 – 1163 mm	31,57 – 45,79 in
MEOP*	187 bar	2.712 psi
Proof pressure (x 1,25)	233,8 bar	3.390 psi
Burst pressure (x 1,50)	280,5 bar	4.068 psi
Burst pressure tested	bar	psi

* Maximum Expected Operating Pressure

