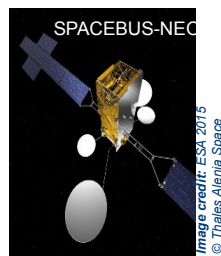


L-XTA / 600-900 Family 1

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	600 - 900 l	36.614 - 54.921 in ³
Temperature Range	up to 50 °C	up to 122 °F
Tank Dry Mass	68 - 85 kg	149,9 - 187,4 lbs
Diameter	1.144 mm	45,04 in
Length	979,3 – 1306 mm	38,56 – 51,42 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

