

L-XTA / 300-900 Family

Xenon Tank - Electric Propulsion (EP)



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FOR ELECTRA & NEOSAT/
SPACEBUS-NEO PLATFORMS

HERITAGE	under Qualification	
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