

CONFIGURATION

PLATFORM

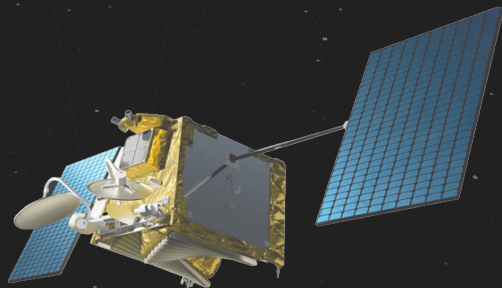
TYPE	Custom
TOTAL MASS	148 KG
FRONT AREA	13068 M2

THRUSTER

TOTAL POWER	210 W
THRUSTER POWER	93 W
THRUSTER POINTING	On-Axis DEG

ORBIT

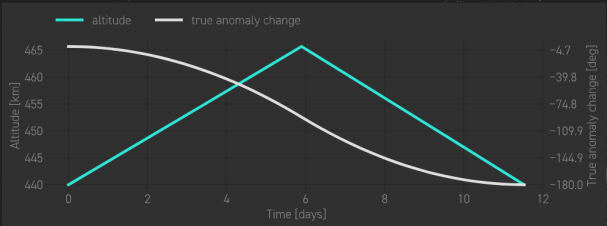
ORBIT TYPE	Circular
INITIAL ORBIT INCLINATION	87 DEG
INITIAL ORBIT ALTITUDE	440 KM



MANEUVERS

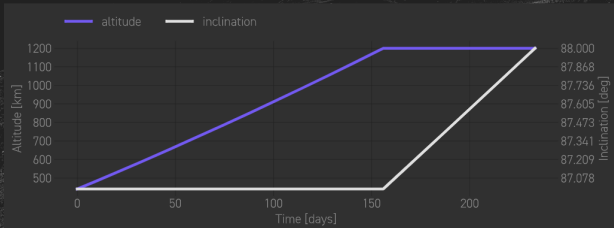
01 - ORBIT PHASING

MANEUVER DURATION	12.0 DAYS
RELATIVE RAAN SHIFT	0.0 DEG
TRUE ANOMALY SHIFT	180 DEG
RAAN SHIFT COMPENSATION	true



02 - ORBIT TRANSFER

MANEUVER DURATION	234.0 DAYS
MIN / MAX ALTITUDE	1200.0 KM
ORBIT TYPE	Circular
TARGET ALTITUDE	100 KM
TARGET INCLINATION	88 DEG

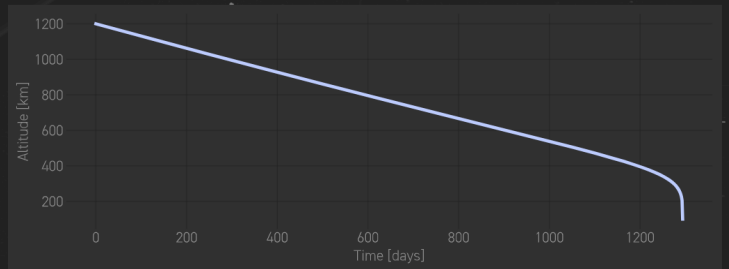


03 - DEORBIT

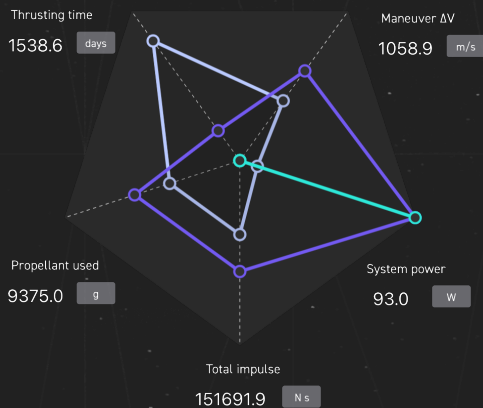
MANEUVER DURATION 1294.0 DAYS

ISP 1650.3 S

MANEUVER DURATION 1825 DAYS



RESULTS



MANEUVER SCENARIO	M01	M02	M03	TOTAL	UNIT
SYSTEM POWER	93.0	93.0	12.0	-	W
THRUSTING TIME	11.5	233.2	1293.9	1538.6	DAYS
PROPELLANT USED	262.6	5312.0	3800.5	9375.0	G
MANEUVER DV	28.7	592.4	437.7	1058.9	M/S
SPECIFIC IMPULSE	1649.7	1649.7	1650.3	-	S
TOTAL IMPULSE	4248.1	85937.6	61506.2	151691.9	N S

CONTACT US

Thank you for using ienai GO. We hope you have enjoyed it. Here you can find the overview of all the maneuvers and also the details of the thruster generated. If you need more info about the thruster, let us know through the following email. We will be happy to answer any questions you may have.

GO team
go@ienai.space