

# List of Assumptions

## Capex Values

	Unit Cost
EL 2.1	€ 9,000
EL Model T	€ 2,500

## Opex Values

	Cost	Units
Electricity Cost	0.05 / 0.03 / 0.00	EUR/kWh
Water Cost	0.0015	EUR/L
Water Purification System Cost	0.0183	EUR/L
KOH Cost	10	EUR/Year
Labour Cost	30	EUR/Year

## Technical Values

	Unit	Units
Lifetime Op. Hours (EL2.1)	30,000	Hours/EL
Lifetime Op. Hours (EL Model T)	40,000	Hours/EL
EL Efficiency (LHV)	68	%
EL Power Consumption	2.2	kW
EL H2 Production	0.5	Nm <sup>3</sup> /hour
EL Electricity Consumption	4.400	kWh/Nm <sup>3</sup>
EL Water Consumption	0.400	L/hour
H2 Density	0.0899	kg/Nm <sup>3</sup>
Energy Density (LHV)	33.330	kWh/kg