

PEC Type 4

	Base	Limit
STH Efficiency	0.14	→ 0.3
\$ / m^2 (PEC Cell)	21.00K	→ 100
Cell Lifetime / years	0.3	→ 3
\$ / m^2 (Solar Concentrator)	100	→ 60



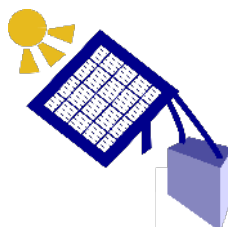
Photocatalytic

	Base	Limit
STH Efficiency	0.02	→ 0.2
kg(Catalyst) / L	5.3×10^{-4}	→ 10^{-5}
\$ / kg(Catalyst)	3000	→ 100
Catalyst Lifetime / years	0.5	→ 1



PV + E (Chang)

	Base	Limit
\$ / kW(PV)	1200	→ 200
\$ / kW(Electrolyzer)	1115	→ 200
kg(H_2) / kWh(Electricity)	0.02	→ 0.03



PV + E (Stolten)

	Base	Limit
\$ / kW(PV)	972	→ 200
\$ / kW(Electrolyzer)	730	→ 200
kg(H_2) / kWh(Electricity)	0.02	→ 2.9×10^{-2}