



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	Base	Limit
$\$/kW$ (PV)	1200	→ 200
$\$/kW$ (Electrolyzer)	1115	→ 200
kg(H_2) / kWh(Electricity)	0.02	→ 2.9×10^{-2}