


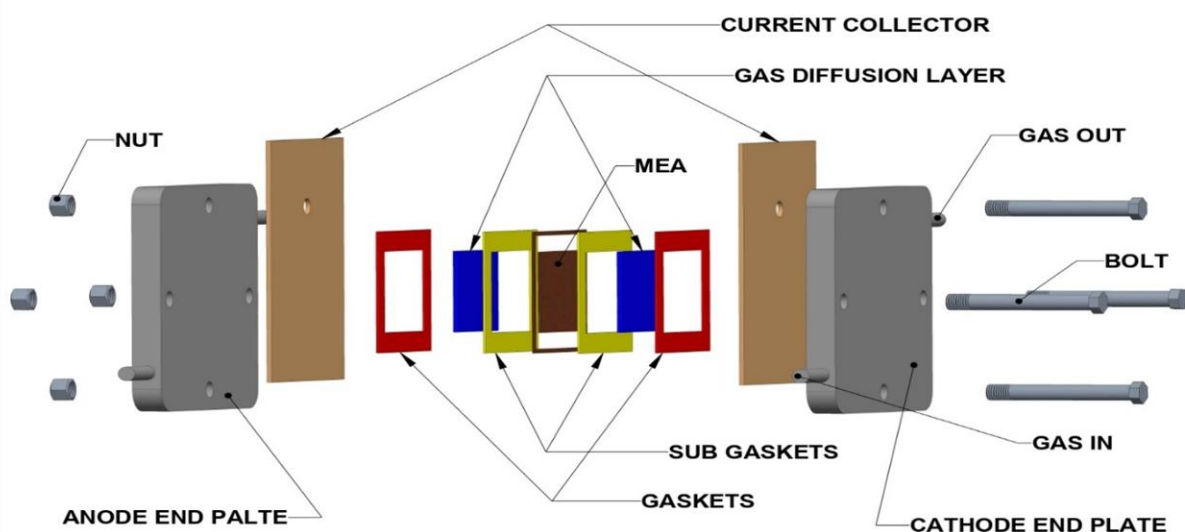


-  A fuel cell is an electrochemical cell that converts the chemical energy of a fuel often hydrogen and an oxidizing agent often oxygen into electricity through a pair of redox reactions.
-  RSI make fuel cell is mainly used for research purposes. The user can easily dismantle the cell & replace their own membrane Testing involves evaluating the membrane's performance within a fuel cell setup. This includes measuring the fuel cell's voltage-current characteristics, which provide insights into the membrane's overall efficiency and performance.
-  RSI make fuel cell equipped with cell heater and cell temperature monitoring facilities.



PEM FUEL CELL SPECIFICATIONS

Membrane	PEM based(Proton exchange membrane)
Material	Aluminium
Gasket	Non contact layer
Bipolar plate	Graphite
Flow pattern	Serpentine Pattern
Working area	3 x 3 cm , 5 x 5 cm
Ports	H2 Inlet O2 Outlet H2O Outlet
Current collector	copper
Cell heater	Yes
Cell Temperature Monitoring	Yes
Safety Insulated	Yes



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