

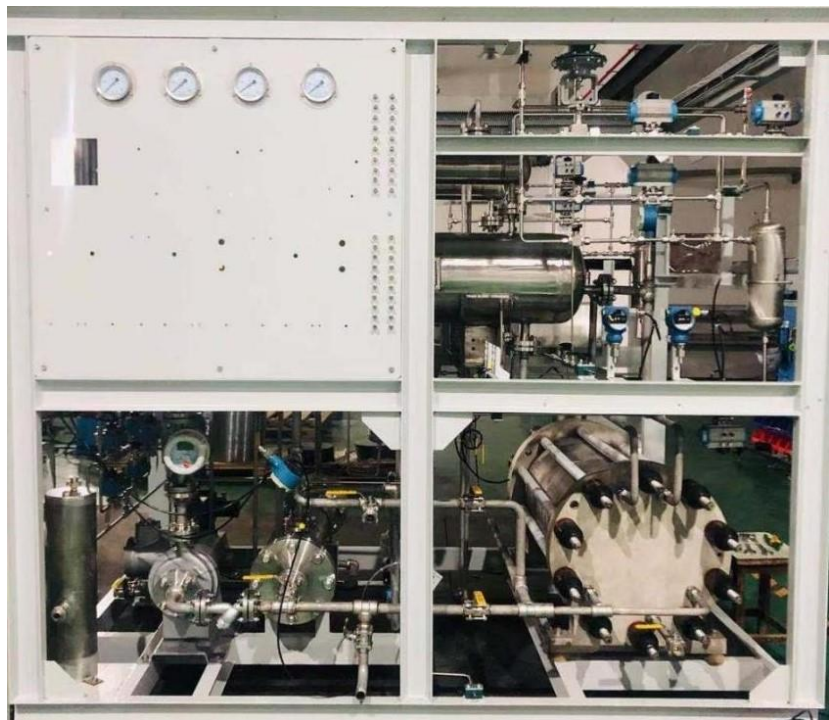


Medium Scale Electrolyzer

Our medium scale electrolyzer Balance of Plant (BOP) system is well-suited for on-site hydrogen production in medium-scale energy storage, the chemical industry, fuel cell systems, medical applications, and other industrial sectors.

It is designed to deliver reliable performance across a range of use cases.

We offer both skid-mounted and cabinet-mounted configurations, tailored to meet customer preferences.



Green Energy and Infrastructure Company Pvt. Ltd.

Tarakeshwar Municipality, Ward No. 5, Goldhunga, Kathmandu, Nepal

contact: contact@greeninfraenergy.com

Specifications:

CAPACITY	10 Nm ³ /hr	25 Nm ³ /hr	50 Nm ³ /hr	100 Nm ³ /hr
H2 Nominal Flow (Nm³/h)	10	25	50	100
Dynamic Response (s)	<10	<10	<10	<10
Cold Start Time (min)	<30	<30	<30	<30
Flow Range (v/v)	0-110%	0-110%	0-110%	0-110%
Purity (v/v)*	>99.999%	>99.999%	>99.999%	>99.999%
Outlet Pressure (MPa)	0.1-3.5 MPa	0.1-3.5 MPa	0.1-3.5 MPa	0.1-3.5 MPa
Operating Temp. (°C)	65±5°C	65±5°C	65±5°C	65±5°C
Rated Current (A/DC)	≤280	≤280	≤280	≤280
DC Consumption (kWh/Nm³)	4.4-5	4.4-5	4.4-5	4.4-5
PowerSupply (V)	220 50-60 Hz	220 50-60 Hz	220 50-60 Hz	220 50-60 Hz
Main Power	50 kW	125 kW	250 kW	500 kW

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