

AEM

Anion Exchange Membrane

Electrolysis technology based on an anion exchange membrane

A membrane electrode assembly is at the core of the technology



ELECTROLYSERS

form the basis for low-carbon hydrogen production solutions

- Up to 99,9998% H₂ purity
- Up to 4,0 MPa H₂ pressure
- Hydrogen production rate: 5-100 Nm³/h per one modular unit

APPLICATION AREAS

- Power generating companies
- Hydrogen production for electronic and metallurgical industries
- Hydrogen production in combination with renewables
- Hydrogen production for hydrogen transport

Possibility of modular and container installation design

PEM

Proton-Exchange Membrane

Electrolysers based on proton exchange membranes

Electrolyte is a proton exchange membrane (film)



ROSATOM – SUPPLIER OF ELECTROLYSIS EQUIPMENT

1

State-of-the-art production technologies for electrolytic cell components

2

Possibility of tailoring equipment to customer's specific requirements.
Lead time: less than 1 year

3

Supply of equipment for customer's needs or implementation of on-site projects

Address: 26 Leninskaya Sloboda St, building 5,
Moscow, 115280, Russia
Phone: +7 495 280 0014
E-mail: raos@rosatom.ru
www.rusatom-overseas.ru



ROSATOM

ELECTROLYSERS

Form the basis for
low-carbon hydrogen
production solutions

