
Description: About PEMFC

PEMFC are devices that generate electricity through an electrochemical process involving oxidation of electrolytes placed between the anode and the cathode. Fuel cells are generally categorized based on the type of electrolyte used. PEMFC use an acidic water-based polymer membrane with platinum-based electrodes. It operates at low temperatures and caters effectively to dynamic power requirements. The chemical source of PEMFC, which is hydrogen, needs to be extremely pure because of its operating temperature and use of precious metal-based electrodes. PEMFC is a fuel-cell technology that is used extensively in light duty and material handling vehicles.

The analysts forecast the global PEMFC market to grow at a CAGR of 26.67 in terms of unit shipment and at 19.74 percent in terms of MW shipment over the period 2014-2019.

Covered in this Report
The report, Global PEMFC Market 2015-2019, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the forecast of the global PEMFC market and its growth prospects in the coming years. The report also includes segmentation on the basis of application and geography. The report also includes a discussion of the key vendors operating in this market.

Key Vendors
- Ballard Power Systems
- Fuelcell Energy
- Hydrogenics
- Plug Power
- Protonex

Other Prominent Vendors
- Altergy Systems
- ElectroChem
- FKK
- Horizon Fuel Cell Technologies
- Johnson Matthey Fuel Cells
- Microgrid Solar
- Nedstack PEM Fuel Cells
- Nuvera Fuel Cells
- Oorja Protonics
- Relion
- SerEnergy
- Shanghai EverPower Technologies
- Sunrise Power
- Toho Gas

Market Drivers
- Abundant energy sources and emerging applications
- For a full, detailed list, view this report

Market Challenges
- Functional issues
- For a full, detailed list, view this report

Market Trends
- Increased investments in R&D
- For a full, detailed list, view this report

Key Questions Answered in this Report
- What will the market size be in 2019 and what will the growth rate be?
What are the key Market Trends?
What is driving this market?
What are the challenges to market growth?
Who are the key vendors in this market space?
What are the market opportunities and threats faced by the key vendors?
What are the strengths and weaknesses of the key vendors?
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