

# Fuel Cells: Market Research Report



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## Fuel Cells: Market Research Report

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This report analyzes the worldwide markets for Fuel Cells in US\$ Thousands by the following Product Segments: Phosphoric Acid Fuel Cells, Molten Carbonate Fuel Cells, Alkaline Fuel Cells, Solid Oxide Fuel Cells, Proton Exchange Membrane Fuel Cells, and Others. The report provides separate comprehensive analytics for the US, Canada, Japan, Europe, Asia-Pacific, and Rest of World. Annual estimates and forecasts are provided for the period 2013 through 2020. Also, a seven-year historic analysis is provided for these markets. Market data and analytics are derived from primary and secondary research. Company profiles are primarily based on public domain information including company URLs. The report profiles 110 companies including many key and niche players such as -

- Acumentrics Corp.
- AFC Energy PLC
- Air Liquide
- Apollo Energy Systems Inc.
- Areva Group

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Bloom Energy Corporation (US)  
Ceramic Fuel Cells Ltd. (Australia)  
Ceres Power Holdings Plc (UK)  
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#### 4D.THE UNITED KINGDOM

A. Market Analysis

Outlook

Fuel Cell Sector in UK to Witness Significant Growth

UK to See Growth in FCEVs Fleet

Government Initiatives

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Key Players

B. Market Analytics

**Table 57.** UK Recent Past, Current & Future Analysis for Fuel Cells by Cell Type - Phosphoric Acid Fuel Cells, Molten Carbonate Fuel Cells, Alkaline Fuel Cells, Solid Oxide Fuel Cells, Proton Exchange Membrane Fuel Cells, and Other Fuel Cells Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2013 through 2020 (includes corresponding Graph/Chart)

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## Market Analysis

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### 4F.RUSSIA

#### A. Market Analysis

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#### B. Market Analytics

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**Table 64.** Russian Historic Review for Fuel Cells by Cell Type - Phosphoric Acid Fuel Cells, Molten Carbonate Fuel Cells, Alkaline Fuel Cells, Solid Oxide Fuel Cells, Proton Exchange Membrane Fuel Cells, and Other Fuel Cells Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2006 through 2012 (includes corresponding Graph/Chart)

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### 4G.REST OF EUROPE

#### A. Market Analysis

Outlook

Development of Fuel Cell and Hydrogen Technology in Finland

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Strategic Corporate Developments

#### B. Market Analytics

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Thousand for Years 2013 through 2020 (includes corresponding Graph/Chart)

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## 5.ASIA-PACIFIC

### A. Market Analysis

#### Outlook

Asia-Pacific Fuel Cell Sector to Witness Significant Growth

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China

Overview

Transportation: The Focus Sector

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Fuel Cell Research in China

Factors Limiting Growth for Fuel Cells

Pacific Rim

India

Korea

Korea – A Key Adopter of Fuel Cells

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Southeast Asia

Southeast Asia Fuel Cells Market: Limitations in Power Generation

Biomass Power Generation Poses Direct Competition to Fuel Cells Market

Concentration on Various Renewable Technologies Hinders Fuel Cells Development

Over-Priced Fuel Cells Technology Restrains Commercialization

Inconsistent Regulations Curtail Development of Fuel Cells Technology

Taiwan

Developing Fuel Cell Technology in the Taiwanese Market

A Potential Market for Fuel Cells

Opportunities for OEMs

Transportation – Another Segment Offering Huge Potential

Product Launch

Strategic Corporate Developments

Key Players

B. Market Analytics

**Table 70.** Asia-Pacific Recent Past, Current & Future Analysis for Fuel Cells by Geographic Region - China, South Korea and Rest of Asia-Pacific Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2013 through 2020 (includes corresponding Graph/Chart)

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**Table 73.** Asia-Pacific Historic Review for Fuel Cells by Cell Type - Phosphoric Acid Fuel Cells, Molten Carbonate Fuel Cells, Alkaline Fuel Cells, Solid Oxide Fuel Cells, Proton Exchange Membrane Fuel Cells, and Other Fuel Cells Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2006 through 2012 (includes corresponding Graph/Chart)

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**Table 75.** Asia-Pacific 15-Year Perspective for Fuel Cells by Cell Type - Percentage Breakdown of Dollar Sales for Phosphoric Acid Fuel Cells, Molten Carbonate Fuel Cells, Alkaline Fuel Cells, Solid Oxide Fuel Cells, Proton Exchange Membrane Fuel Cells, and Other Fuel Cells Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)

## 6.REST OF WORLD

### A. Market Analysis

Outlook

Brazil Puts its Focus on Fuel Cells Technology

### B. Market Analytics

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## IV. COMPETITIVE LANDSCAPE

Total Companies Profiled:

The United States (50)

Canada (5)

Japan (16)

Europe (30)

France (3)

Germany (9)

The United Kingdom (9)  
Italy (1)  
Rest of Europe (8)  
Asia-Pacific (Excluding Japan) (9)

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