

# 燃料電池

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巻頭言 イノベーションと燃料電池開発

**特集** いろいろな分野で活躍する燃料電池

解説 DCFCの基礎と可能性





深海巡航探査機「うらしま」  
(海洋研究開発機構)

Underwater Vehicle "Urashima"  
(Japan Agency for Marine-Earth  
Science and Technology)

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観測気球搭載予定の 100W 級 FC システム  
(宇宙航空研究開発機構)

100W-Class Fuel Cell System to Mount to  
Observation Balloon  
(Japan Aerospace Exploration Agency)



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NE トレイン (燃料電池ハイブリッド)  
(JR 東日本旅客鉄道)

NE Train (Fuel Cell Hybrid)  
(East Japan Railway Company)

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Fuel Cell Forklift Truck (Toyota Industries)



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ホームエナジーステーション (HES III)  
(本田技術研究所)

Home Energy Station (HES III)  
(HONDA R&D)



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燃料電池セニアカー (スズキ)

Fuel Cell Electric Kart (SUZUKI MOTOR)

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燃料電池カート (バンテック)

Fuel Cell Racing-Kart (VANTEC)



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SOFC Bundle (Prototype)  
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発電部ユニット 1kW機（左）、700W機（右）  
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Power Generation Unit of Residential  
SOFC Cogeneration System  
1kW (Left) 700W (Right)  
(Osaka Gas, Kyocera)

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