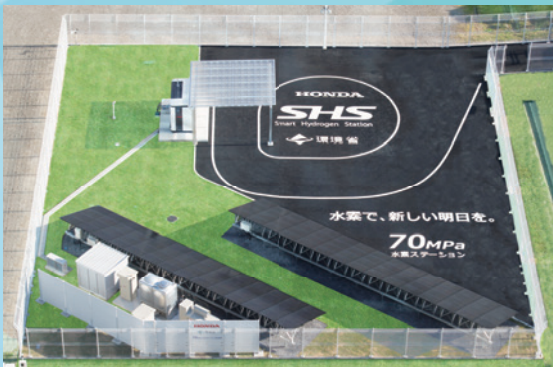


New tomorrow with hydrogen. **World's First***
70MPa Smart Hydrogen Station
 Packaged Hydrogen Station Unit



Smart Hydrogen Station equipped with the Honda's original Power Creator, a compressor-less, High-differential-pressure water electrolysis system. It can generate, store and fill high-pressure hydrogen gas using electric power generated with solar power and commercial power, all while minimizing carbon emissions.

【Main specifications】

| | | | |
|--------------------------------|-----------------------------|--|--|
| System size | W3300 × D1800 × H2300 (mm) | Electrolyzer unit | High-differential-pressure water electrolysis system |
| Hydrogen generating capability | 2.5 kg / day | Filling pressure (generation pressure) | 70 MPa (77 MPa) |
| Storage Capacity | Approximately 11 kg @ 15 °C | Utility | 200 VAC / Tap water |

【Business name】 "Renewable energy derived hydrogen station-related technology development and demonstration which generates 70MPa hydrogen with High-differential-pressure water electrolysis"

【Business proprietor】 Honda Motor Co., Ltd. 【Demonstration period】 2015-2017 【Demonstration location】 Odaiba in Tokyo

Honda Smart Community
 Initiatives, Inquiries Here

Please scan the QR code on the right, or access via the below URL.
<http://www.honda.co.jp/smartcommunity/>



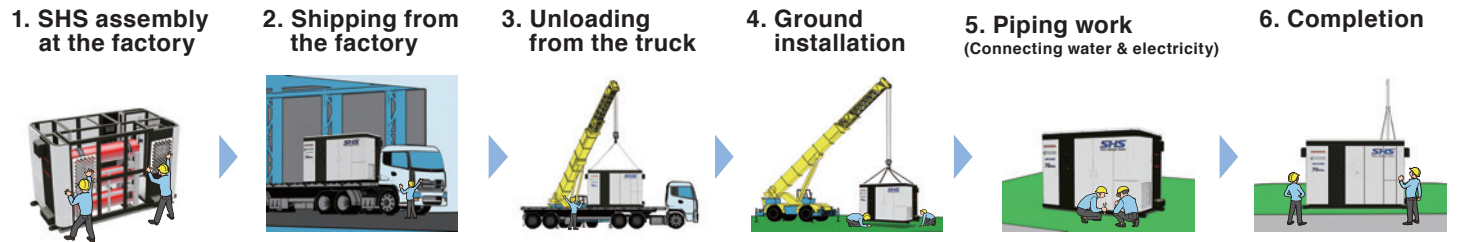
70MPa Smart Hydrogen Station



Hydrogen station that is Simple, Small, and Sustainable.

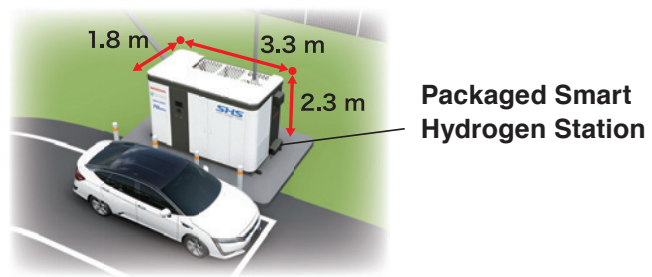
Simple

With the simple package design, the installation time is drastically shortened after shipment from the factory.



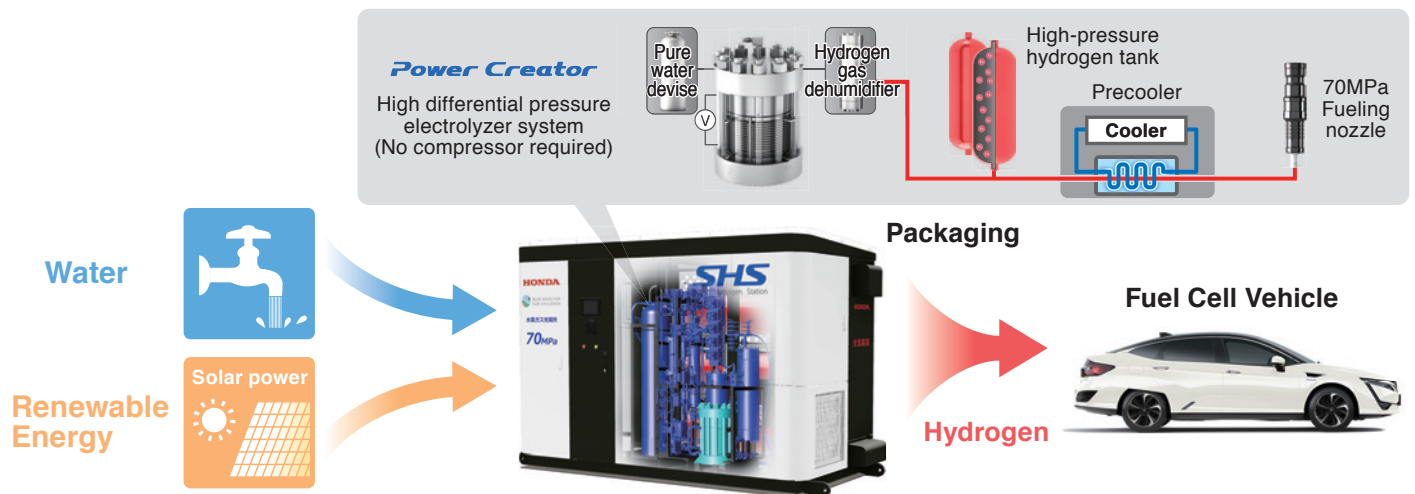
Small

With the compact package design, the space needed for installation is reduced dramatically.



Sustainable

Using the electrical power from resources such as solar power, power generated from regional waste, and bioenergy, hydrogen is produced with low carbon emissions.



Honda's history of hydrogen-related technology research

