

# 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.

### Simple

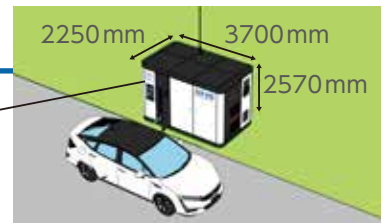
With the simple package design, the installation time is drastically shortened after shipment from the factory.



### Small

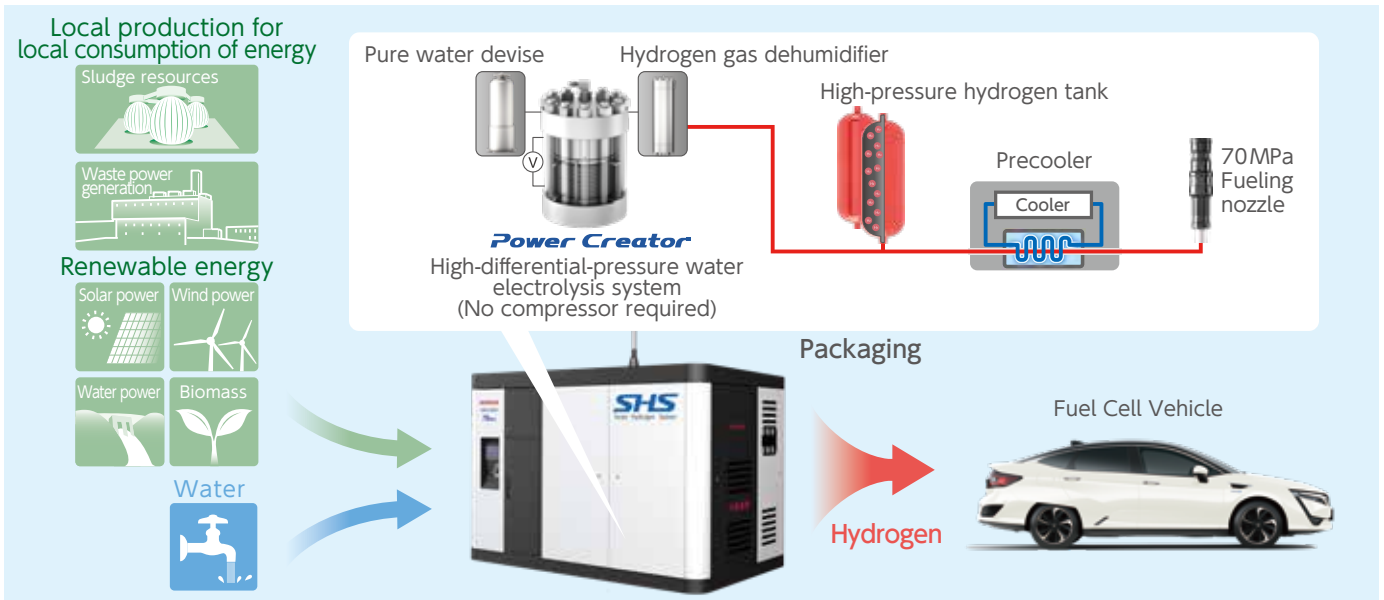
With the compact package design, the space needed for installation is reduced dramatically.

Packaged Smart Hydrogen Station



### 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.



## Smart Hydrogen Station (SHS) 70MPa Main specifications (For Japanese market)



System size	D2250×W3700×H2570 mm
Power Creator	High-differential-pressure water electrolysis system
Hydrogen production capacity	2.5kg/day
Filling pressure* (Storage pressure)	70MPa (82MPa)
Hydrogen purity	99.97%以上 (ISO 14687-2 Equivalent)
Hydrogen filling protocol	JPEC S0003 T-20 2014
Storage capacity	Approximately 15kg@15℃
Utility	AC 200V (Single phase, 3-Wire) / Tap water

\*The filling pressure will vary depending on conditions.