



Solar Hydrogen intelligent Power Stations

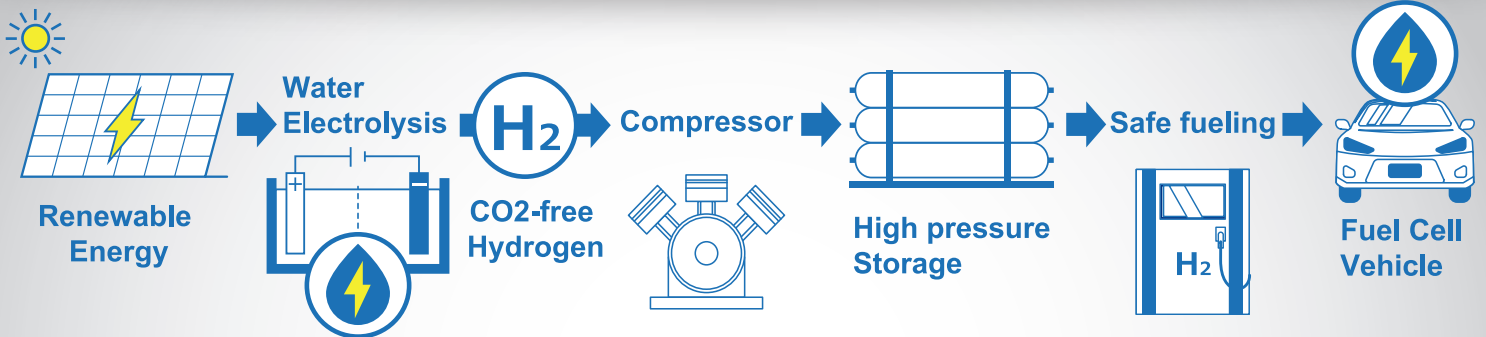
Hydrogen station ,CO2-Free hydrogen generation with on-site electrolysis

Onsite hydrogen generation

70MPa hydrogen station

Safe fueling: JPEC-S0003 protocol

Easy installing package



ABOUT

H₂ is compressed and stored in a 20ft container, and supplied to a 70MPa fuel cell vehicle. The SHiPS is an extremely safe and stabilized model designed and certified according to the Japanese industrial standards.

The SHiPS can generate and supply hydrogen all in one package, enable easier handling in hydrogen supply chain. In addition, since hydrogen supply can be handled externally, its flexibility allows varieties of future opportunities when demand increases.



Announcement of partnership from Choshu Industry Corporation of America and the targeted Hydrogen city of America, City of Lancaster On May 7th (PDT)

NEWS(May 2022)

Choshu Industry Corporation of America (CEO : Sean Chigusa), (Parent company Choshu Industry Corporation, President: Susumu Okamoto) has announced entering a partnership with City of Lancaster in the State of California. By this partnership, Choshu Industry Corporation is rolling out a new development project by utilizing Choshu's signature technology: portable hydrogen production system "SHiPS" and stationary fuel cell generator system "MizTomo" for the purpose of connecting and integrating with Lancaster city's green energy microgrid system.

We have varieties of hydrogen stations that can be customized to fit your needs at any scales.



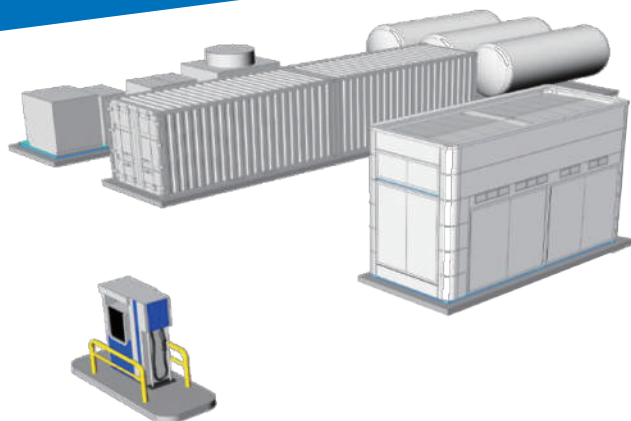
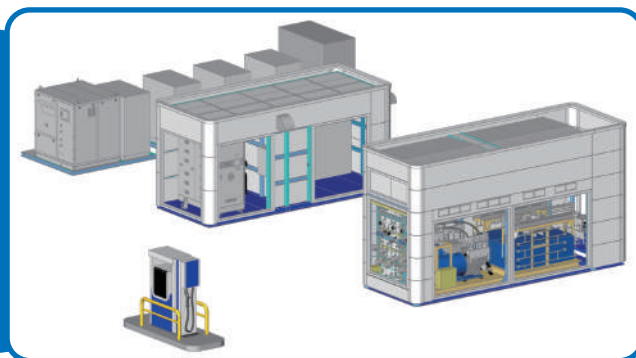
Small model

(Photo : Nagano Prefecture Unit 1)

Supply	FCV about 1 ~ 2cars/day
Generation	4.0 N m ³ /h about 8.5 kg/day
Throughput	4.0 N m ³ /h about 8.5 kg/day
Storage	about 28 kg @82 MPa 15 °C
Dimensions (Ft)	W 22.8 × D 8.2 × H 9.3

Expandable model

Supply	FCV 2 ~ 30cars/day
Generation	5.0 N m ³ /h about 10.7 kg/day
Throughput	150 N m ³ /h about 321 kg/day
Storage	about 57 kg @82 MPa 15 °C
Dimensions (Ft)	W 23 × D 8 × H 13 W 20 × D 8 × H 10



Onsite electrolysis model

Supply	FCV 40cars/day
Generation	100 N m ³ /h about 214 kg/day
Throughput	300 N m ³ /h about 642 kg/day
Storage	about 114 kg @82 MPa 15 °C
Dimensions (Ft)	W 23 × D 8 × H 13 W 20 × D 8 × H 10

Equipment design can be very flexible. For example, fueling 35MPa and generating hydrogen only can be possible. We are committed to provide full customizing support from installation location recommendations to legal compliance, including maintenance after the start of operations.

Please feel free to contact us at any time.



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