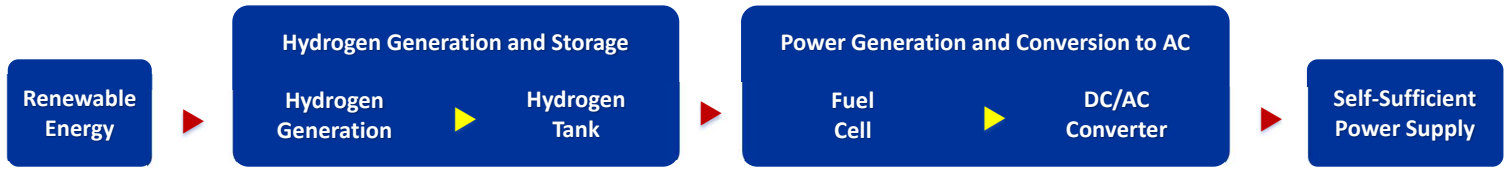


Self-Sufficient Renewable Energy Power Supply System with H₂ Storage

Converting and storing renewable energy as hydrogen and then using it to generate electricity with fuel cells. Demonstrating how renewable energy can generate hydrogen to then generate power with fuel cells.



➤ RE100

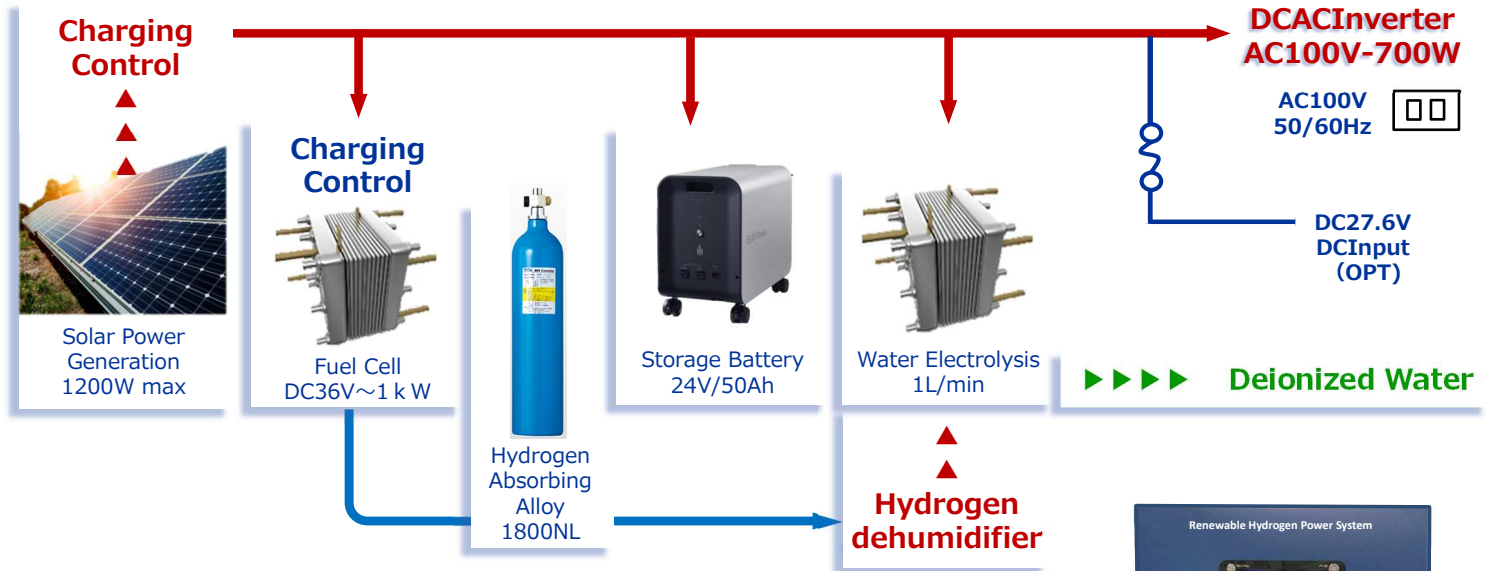
Self-production and self-consumption of surplus electricity from renewable energies.

➤ Emergency Backup Power Supply

Used as a backup power source to maintain minimum operational continuity of business even in emergencies.

➤ Achieving baseload with renewables

This system aims to achieve baseload by optimizing the management of fluctuating renewable electricity with electricity demand.



Self-Sufficient Renewable Energy Power Supply System with H₂ Storage Specification Summary

Hydrogen Production	Output Pressure	0.7MPa.G
	Production Rate	60NL/h
	Storage Capacity	1,800NL@0.7MPaG
Hydrogen Application	Fuel Cell Power Generation Capacity	Up to 900W
Renewable Energy Power Supply	Solar Power Generation Capacity	Up to 1,200W
	Max. Input Voltage	120V
	Max. Input Current	45A
Energy Storage	Energy Storage Capacity	70Ah
Output	Method	AC100V Single-Phase 50Hz (60Hz)
	Peak Electric Power	700W



Please note that the technical specifications for this device, as provided by the manufacturer in Japan, may differ depending on the country in which you plan to use the device. Please consult the relevant documentation or seek expert advice if you have any concerns or questions about using this device in a particular location.