

On corporation. Business Introduction

Renewable energy and hydrogen related engineering

Planning, design, development, manufacturing, sales, and consulting

Jet-type wind power generation technology

Solar Power Technology

Energy Storage Technology

Hydrogen Generation Technology

Hydrogen storage alloy technology

Hydrogen Fuel Cell Technology

Hydrogen Combustion Technology

Power supply control technology

Large companies, government agencies,
and local governments (custom-made)

Realizing
a decarbonized society

Introduction of representative technologies and products

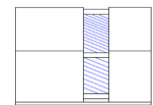
Jet-type wind power generation equipment (renewable energy generation)

This is our own proprietary jet engine type wind power generator. It has a "wind power multiplier" structure and generates power even at wind speeds of 3 meters per second. We also manufacture hybrid systems with perovskite as an option. Output can be tailored to your needs, from 3.3 kW to 30 kW. The image on the right shows a jet type wind power generator for mobile use.



Jet Type

For mobile devices



Hydrogen generator (hydrogen generation)

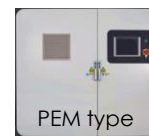
The image on the left shows our unique PEM type hydrogen generation device.

The power supply is combined with energy generated by a jet engine type wind power generation device and solar power.

The image on the right shows a container type hydrogen generation and fuel cell system.

The container houses a hydrogen generator, storage battery, hydrogen storage alloy curdle and power battery.

Low costs have been achieved by applying our unique oxide technology.



PEM type hydrogen generator



Container-type hydrogen generation and fuel cell system

Hydrogen storage alloy (hydrogen storage)

The diagram shows our unique hydrogen storage alloy cable. It is designed for stationary fuel cell power generation equipment.

The diagram on the right shows a container-type hydrogen generation/fuel cell system.

The container contains a hydrogen generator, a storage battery, a hydrogen storage alloy cable and a power battery.



Hydrogen storage alloy curdle

Hydrogen fuel cell (hydrogen power generation)

The image on the right shows our unique stationary hydrogen fuel cell.

The image on the left shows a small, cart-type hydrogen fuel cell that we developed as an emergency power source for construction sites and in the event of a disaster. This small, cart-type hydrogen fuel cell can also be used as a power source in evacuation shelters.

Our fuel cells apply our unique oxide technology to achieve low costs.

Cart type



Stationary type

We possess the basic technology to design and develop renewable energy and hydrogen-related equipment, and our main business is to design and manufacture new equipment in response to customer requests (expectations). We provide products with high functionality, convenience, high performance, high quality, and low cost that cannot be achieved by major manufacturers. We receive many requests from major automobile manufacturers, national research institutes, government agencies, and more. We also have a long track record of developing equipment to be incorporated into original equipment products. Please let us know your requests. We will meet your expectations.