



Complimentary Hydrogen Generation System Fuel Cell

Applicable to fire rescue site power supply, residential use, hospital use, power grid peak adjustment, data center equipment, industrial park, hotel use etc.

■ High Combustion Calorific Value

Hydrogen has the highest calorific value among all fossil fuels, chemical fuels and biofuels, except nuclear fuel

■ Good Performance

Fast ignition, a wide range of combustion when mixed with air, high ignition point and combustion speed

■ Low-carbon Cleaning

Hydrogen energy and fuel cell technology have incomparable advantages in emission. Combined with the "green" equipment of hydrogen source, "low carbon production and zero carbon use" can be realized, which is conducive to the deep decarbonization of terminal energy consumption.

■ Multiple Forms

Metal cyanide in gas, liquid or solid state can be adapted to different requirements of storage and transportation and various application environments

■ Less Wastage

Long-distance high-voltage power transmission can be canceled and replaced by long-distance pipeline hydrogen transport, which is relatively safer and reduces ineffective energy consumption

■ Convenient Transportation

Hydrogen can reduce the dead weight of fuel, increase the payload of vehicle, which can reduce the transportation cost, and the total social benefit is better than other energy sources in terms of the overall benefit

Fuel Cell	
Max. Output Power	5000w
Heat Power	3480W
Hydrogen Intake Pressure	50±10 kPa
Electricity Generating Efficiency	56% (LHV)
Heat Efficiency	39% (LHV)
Input Power	2W-1 AC200-240V 50Hz(<155W)
Gross Weight	175kg
Running Weight incl cooling water	180kg
Dimensions L W H	795x396x1797

