

中集安瑞科能源系统(上海)

CIMC Enric Energy Systems (Shanghai) Co., Ltd.









CIMC Enric Energy Systems (Shanghai) Co., Ltd. is an enterprise of CIMC Group specializing in the system solutions and core equipment of low-carbon integrated energy.

The company has the SL Blue Sky series and AM Amethyst series modular intelligent low-carbon energy station, HC series hydrogen core components and system integration products.

Supported by the CIMC EQC Smart Energy System Platform, the company provides customers with zero-carbon, safe, and intelligent integrated energy system solutions, and achieves social and commercial value with ecological partners through products, technology, services, and cooperation.









The power output of AM Amethyst Series mCHP Station is 22kW, and the maximum heat output is 165kW with the fuel input of 19m³/h. The comprehensive energy utilization efficiency can up to 105% (in HHV).



Ultra-high Efficiency

Ultra-high Intelligence









AM Amethyst Series mCHP Station is a low-carbor micro combined heat and power product that uses natural gas as fuel. It can be widely used in scenarios such as hotels, schools, hospitals, bathhouses, central heating, electroplating, drying, etc.

- Flexible Installation

Green and Low Carbon



Scan to follow



Official Website: http://enricgroup-sh.com/

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SL Blue Sky series low-carbon energy station is also a modular and efficient CHP product, whose output power ranges from 700kW to 2000kW. It is suitable for multiple fuels such as natural gas, LNG/CNG, biogas, BFG, COG and LDG., etc. It can operate in the form of generating independently, CHP and CCHP.

APPLICATION SCHEMATIC DIAGRAM



APPLICATION SCENARIOS



LiBr absorption refrigerator

Blast furnace exhaust gas



Agricultural glass greenhouse



HC series liquid driven hydrogen compressor is based on the HB series liquid driven hydrogen booster independently developed by CIMC Energy Systems (Shanghai) Co., Ltd., which mainly focuses the hydrogen filling station and refueling station. The hydrogen compressor is designed with a maximum output pressure of 90MPa, and can meet a capacity of 1000kg/12h (@ 12.5MPa intake pressure) refueling station.



nano level 0 oil lubrication



High integration module design



Multi stage compression and low-frequency commutation



Aera

Liquid hydrogen storage and

Gas cylinder in vehicle Hydrogen supply system

CHP



HYDROGEN SERIES PRODUCTS

Products

Alkali water electrolysis PEM water electrolys

.0MPa/30MPa Hydrogen tube trailer 40MPa/90MPa Hydrogen-storage cylinder

Cylinder, Tank ,Container ,Vehicle

35MPa Type III gas cylinder and system 70MPa Type IV gas cylinder and system (140-450L)

30-150kW FC CHP







stopping under pressure

