

CIMC SL BLUE SKY SERIES

LOW-CARBON ENERGY STATION



SL Blue Sky Series Low-Carbon Energy Stations are power generation facilities that utilize a variety of fuels including natural gas, industrial waste gas, coal mine methane, biogas, biomass gas, and etc.

The single-unit power generation capacity covers a power range from 700 kW to 2000 kW, and it can be widely used in various scenarios such as industrial energy conservation, building energy conservation, and agricultural energy conservation.

FIVE KEY FEATURES

MODULAR

HIGH INTEGRATION

INTELLIGENT

FLEXIBLE OPERATION

WIDE ADAPTABILITY

MULTIPLE FUEL OPTIONS

EASY MAINTENANCE

ON-SITE INSTALLATION

LOW COST

LONG MAINTENANCE CYCLE

PERFORMANCE PARAMETERS

Product models	Engine Parameters				Power generation parameters			
	Cylinders	Bore(mm)	Stroke(mm)	Rotating Speed(rpm)	Electric Power Generation(kW)	Electric Generation Efficiency(%)	Thermal Efficiency(%)	NOx Emission(mg/Nm³)
SL700	12	190	210	1000	700	37.5	44	≤600
SL1000-L	12	190	230	1000	1000	40	44	≤600
SL1000-H	12	170	195	1500	1000	41	45.1	≤500
SL1500	16	170	195	1500	1500	41.3	44.9	≤500
SL2000	20	170	195	1500	2000	41.6	44.8	≤500

*Explanations :

1.The power generation parameters are based on data related to natural gas as the fuel. For other fuels, due to differences in calorific value and composition, power generation parameters may vary accordingly. Please consult the company's sales team for detailed information.

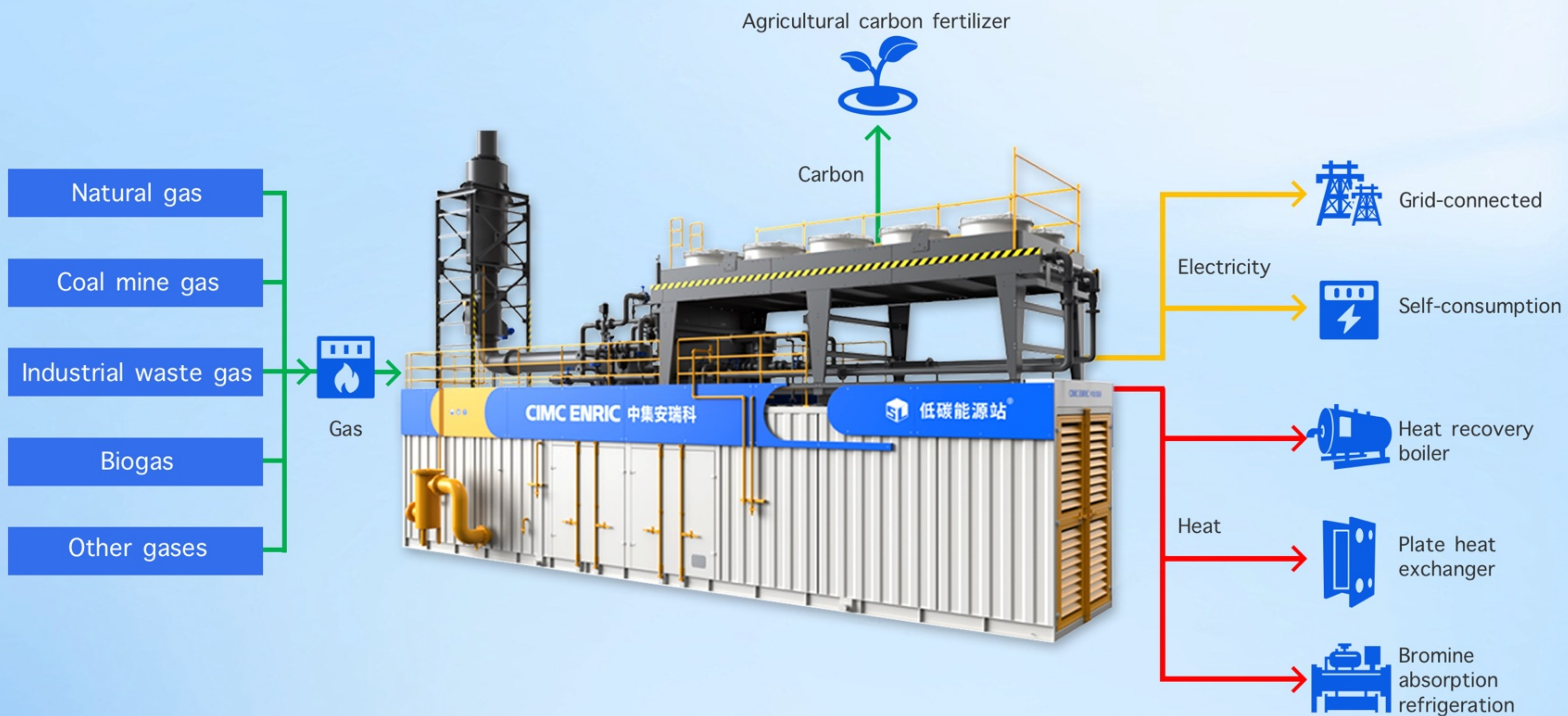
2.This data is for reference only and does not have mandatory binding force.

3.Electrical Power and Electrical Efficiency refer to ISO3046/1 and ISO8525-1, 50Hz Generator U=11kV , the minimum methane number of natural gas is MN70。

APPLICATION SCENARIOS



APPLICATION SCHEMATIC DIAGRAM



BUSINESS MODELS

01

EPC

Turnkey project, saving time and effort, short investment return period.

02

EMC

Our side invests in products, and customers share energy-saving benefits according to the agreed contract ratio.

03

BOT

Our side is responsible for construction and operation, and after achieving the agreed contract benefits, the project is transferred to the customer.