

LIYU GAS POWER PRESENTATION

EXCELLENT PERFORMANCE STABLE AND RELIABLE



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ABOUT LIYU

ABOUT LIYU – BASIC INFO

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Group

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GROUP HEADQUARTERS: CHANGSHA, HUNAN PROVINCE, CHINA

FOUNDED IN 1994, IT HAS ACCUMULATED 29 YEARS OF EXPERIENCE IN ENERGY UTILIZATION

WE HAVE 5 MAJOR INDUSTRIAL BASES IN BELJING, HUNAN, SHANXI, GUANGDONG, AND INNER MONGOLIA. WE HAVE A SOUND INDUSTRIAL SUPPLY CHAIN, A SERVICE NETWORK COVERING THE WHOLE COUNTRY, AND SERVICE GUARANTEES THROUGHOUT THE LIFE CYCLE.

ABOUT LIYU - MILESTONES



ESTABLISHED LIYU ELECTROMECHANIC AL, SPECIALIZING IN THE SALES AND SUPPORTING SERVICES OF IMPORTED BRAND HEAVY OIL UNITS

2004

 INVESTED IN THE CONSTRUCTION OF A 40,000-SQUARE-METER GENERATOR INDUSTRIAL BASE TO ENTER THE FIELD OF GAS-FIRED POWER GENERATION.

2009

 INVESTED IN THE CONSTRUCTION OF A 130,000-SQUARE-METER
PRODUCTION BASE
FOR THE ENTIRE
INDUSTRIAL CHAIN
OF GAS-FIRED
INTERNAL
COMBUSTION
ENGINES IN
CHANGSHA

2012

 FORM A BUSINESS LAYOUT OF THE WHOLE INDUSTRIAL CHAIN BASED ON GAS ENGINE R&D, MANUFACTURING, SYSTEM INTEGRATION AND POWER STATION OPERATION

2015

THE 1MW ENGINE WAS SUCCESSFULLY ROLLED OFF THE PRODUCTION LINE AND PUT INTO MASS PRODUCTION.



NOW

THE TOTAL INSTALLED CAPACITY OF PROJECTS IN OPERATION AND UNDER CONSTRUCTION WILL EXCEED 1,000MW.



ABOUT LIYU

GROUP INDUSTRIAL CHAIN LAYOUT



HEADQUARTERED IN DONGGUAN CITY, GUANGDONG PROVINCE, IT HAS ESTABLISHED FIVE MAJOR INDUSTRIAL BASES IN GUANGDONG, HUNAN, SHANXI, INNER MONGOLIA AND BEIJING BASED ON THIS, COVERING A TOTAL AREA OF MORE THAN 350,000 SQUARE METERS, AND HAS DESIGN FEASIBILITY PLANNING, EQUIPMENT MANUFACTURING AND SUPPLY, PROJECT IMPLEMENTATION, AN INTEGRATED SYSTEM ENERGY SOLUTION PROVIDER FOR POWER STATION OPERATION MANAGEMENT AND AFTER-SALES SERVICE CAPABILITIES.



ABOUT LIYU - HONORS



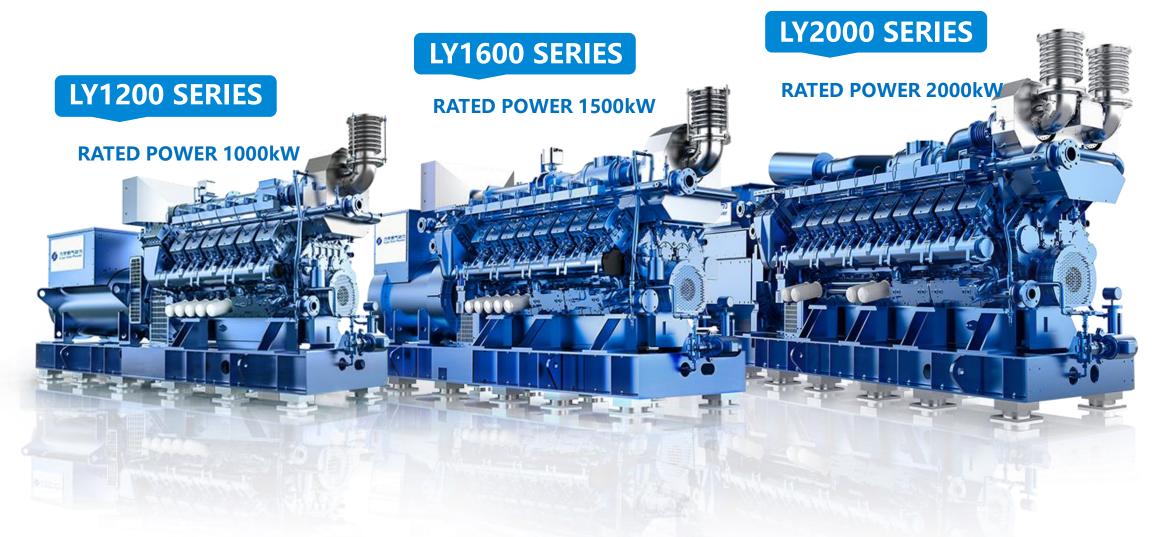


PART 02 PRODUCTS



NEWLY UPGRADED GENSET

THE ELECTRICAL EFFICIENCY HAS BEEN FULLY IMPROVED TO 41.6%



CORE FEATURES (COVERAGE 900KW-2000KW)







OVERHAUL 48000 Hr, YEARLY RUNNING TIME 8000 Hr



EASY MAINTENANCE **PROFESSIONAL MAINTENANCE**

SUFFICIENT SPARE PARTS COMPLETE SERVICE SYSTEM

HIGH SECURITY MULTI-STAGE FIRE-PROOF AND EXPLOSION PROOF DESIGN ADVANCED KNOCK

CONTROL TECHNOLOGY



COMPACT STRUCTURE SMALL SIZE AND LIGHT WEIGHTTHE LEADING POWER UNIT OF THE SAME TYPE



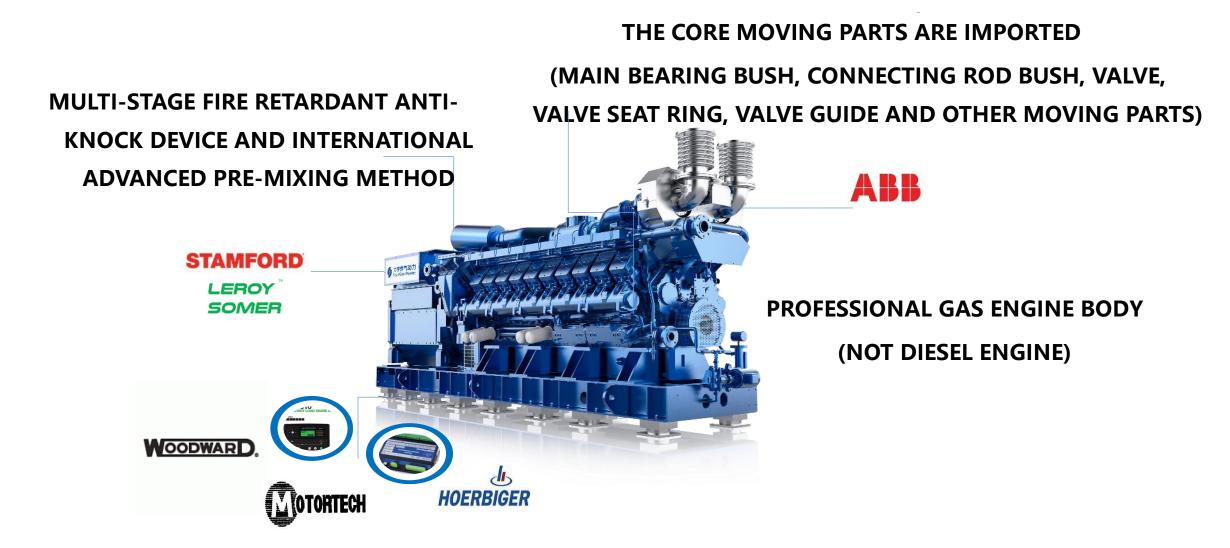
WIDE RANGE OF APPLICATIONS

WIDELY USED IN NATURAL GAS PETROLEUM ASSOCIATED GAS/BIOGAS **BIOMASS GAS/LANDFILL GAS** INDUSTRIAL EXHAUST GAS



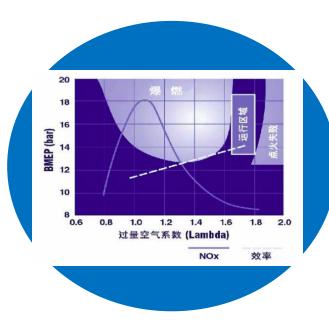
CORE FEATURES (TOP CONFIGURATION)

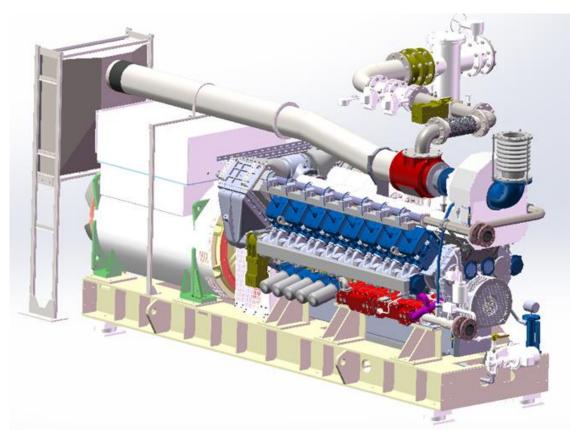






CORE FEATURES (LEAN-BURN TECHNOLOGY)





ELECTRONICALLY CONTROL AIR FUEL RATIO ALGORITHM FLUCTUATIONS INCONCENTRATION QUICK TRACKING RESPONSE HIGH RELIABILITY

1. THE EXCESS AIR REDUCES THE TEMPERATURE OF THE COMBUSTION PROCESS, THEREBY GREATLY REDUCING THE EMISSION OF NITROGEN OXIDES

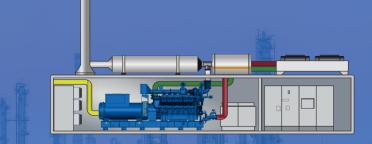
2. DUE TO THE EXCESS OXYGEN, THE COMBUSTION PROCESS IS MORE EFFICIENT AND THE ELECTRICAL EFFICIENCY IS HIGHER



CONTAINER STRUCTURE









COMPACT STRUCTURE, COST SAVING

THE SIZE IS ONLY 13.8M*3M*3M, SMALL FOOTPRINTCAN BE PLACED IN THE OPEN AIR, NO NEED TO BUILD A FACTORY BUILDING



NSIDE

HIGHLY INTEGRATED, EASY MAINTAIN INTEGRATING THE UNIT, VENTILATION CAN GENERATE ELECTRICITY, AND ON-SITE MAINTENANCE



SHORT CONSTRUCTION PERIOD AND LONG LIFE

THE INSTALLATION PERIOD IS SHORT (1-2 MONTHS), AND THE SERVICE LIFE OF THE BOX AND THE UNIT IS THE SAME (25 YEARS)



FLEXIBLE COMBINATION, ZERO WASTE

ADJUST THE NUMBER OF UNITS ACCORDING TO THE SIZE OF THE GAS VOLUME, THE SCALE OF THE POWER PLANT CAN BE FLEXIBLY ADJUSTED, AND THERE IS NO WASTE OF GAS



PART 03 OPERATION



OPERATION MODE



CAPITAL + TECHNOLOGY + OPERATION AND MAINTENANCE EQUIPMENT + WARRANTY + OPERATION AND MAINTENANCE

AGENT/DEALER



PART 04 CASES

PERFORMANCES

LIYU GAS POWER SERVICE CASES ARE ALL OVER THE COUNTRY, APPLIED IN COAL-BED METHANE (GAS), BIOMASS GAS, NATURAL GAS, RETROLEUM ASSOCIATED GAS, BIOGAS, INDUSTRIAL GAS AND OTHER GAS POWER GENERATION FIELDS.

THE TOTAL INSTALLED CAPACITY OF THE PROJECTS PUT INTO COMMERCIAL USE AND UNDER CONSTRUCTION EXCEEDS

1,000MW. PROVIDE NEARLY & BILLION KILOWATT-HOURS OF GREEN ELECTRICITY TO THE SOCIETY EVERY YEAR, SAVE MORE THAN 3 MILLION FONS OF STANDARD COAL EVERY YEAR,

AND REDUCE CARBON DIOXIDE EMISSIONS BY MORE THAN 10 MILLION TONS.





TYPICAL CASES IN VARIOUS FIELDS

INDUSTRIAL GAS PROJECT LOW-CONCENTRATION







SEWAGE BIOGAS POWER GENERATION PROJECT





BIOMASS GAS POWER GENERATION PROJECT



DISTRIBUTED AT

CHANGSHA AIRPORT



GENERATION PROJECT

4*1MW



BIOLOGICAL PYROLYSIS GAS POWER GENERATION PROJECT



66MW FERROALLOY PLANT INDUSTRIAL GAS POWER GENERATION PROJECT

TOTAL INSTALLED POWER: **66MW** CONFIGURATION: 44 SETS LY2000GH-M OPERATION TIME: **OCTOBER 2022** LOCATION: FENGZHEN, INNER MONGOLIA





26.4MW FERROALLOY PLANT INDUSTRIAL GAS POWER GENERATION PROJECT

TOTAL INSTALLED POWER: 26.4MW

CONFIGURATION:

22 SETS LY1600GH-M

OPERATION TIME:

APRIL 2022

LOCATION:

FENGZHEN, INNER MONGOLIA





14.4MW FERROALLOY PLANT INDUSTRIAL GAS POWER GENERATION PROJECT

TOTAL INSTALLED POWER: 14.4MW

CONFIGURATION:

12 SETS LY1600GH-M

OPERATION TIME:

MAY 2022

LOCATION:

FENGZHEN, INNER MONGOLIA





THANKS FOR LISTENING