SHENGDONG® Cogeneration system
Advanced Clean Energy Technologies

SHENGDONG® COMBINED HEAT & POWER

Cogeneration CHP Systems built to last for continuous heavy-duty applications, and to meet the demanding performance requirements of today’s energy market. Our reliable combined heat & power modules are hard at work in many of the world’s most challenging applications, delivering peak performance around the clock. Quality is Everything we do. Legendary reliability, and proven Performance.

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PROVIDING YOUR BUSINESS WITH ADVANCED CHP (COMBINED HEAT & POWER) SYSTEM AND TECHNOLOGY RESOURCES YOU NEED

CHP COGENERATION SOLUTIONS

- CHP COGENERATION SYSTEMS FOR BIOGAS APPLICATIONS (WET & DRY ANAEROBIC DIGESTERS)
- CHP COGENERATION SYSTEMS FOR SEWAGE GAS (ANAEROBIC DIGESTERS)
- CHP COGENERATION SYSTEMS FOR COAL MINE GAS (CMM)
- CHP COGENERATION SYSTEMS AND POWER GENERATION PLANTS FOR LANDFILL GAS APPLICATIONS
- CHP COGENERATION SYSTEMS FOR NATURAL GAS APPLICATIONS, INCL. TRIGEN SOLUTIONS
- CHP COGENERATION SYSTEMS FOR SYNGAS APPLICATIONS (BIOMASS & WASTE GASIFICATION)
- THE MOST ADVANCED MODULAR CHP COGENERATION SYSTEMS FOR ALL APPLICATIONS
- MICRO CHP COGENERATION SYSTEMS
- 60Hz & 50Hz VARIOUS VOLTAGES
Cogeneration is an energy management solution for today.

**Cogeneration**, also known as Combined Heat and Power (CHP), is the on-site production of two kinds of energy usually electricity and heat – from a single source of fuel. Cogeneration can replace the traditional method of supplying energy from multiple sources, e.g., purchasing electricity from the power grid and burning natural gas or oil separately in a furnace to produce heat or steam. These methods can waste up to two-thirds of the energy in the original fuel — losses that are made up for in high utility rates.

A cogeneration system normally consists of a Shengdong gas engine turning an alternator to produce electricity, and a waste heat recovery system to capture heat from the exhaust and cooling water jacket. Nearly 80% of the energy in the original fuel is put to productive use in a typical CHP system.
Shengdong Brand Gas Genset ——Efficient·Reliable·Durable

Shengdong is one of Chinese leading manufacturers of gas-fueled inner combustion engine, packed generator sets and cogeneration units for power generation. It is one of the only companies in China focusing exclusively on gas engine technology.

Our headquarters in Dongying, Shandong, is home to an immense manufacturing, engineering, laboratory and service training facility, covering more than one million square feet, the facilities are ISO 9001 certified, a reflection of the quality that goes into everything we do. We work hard, fast and efficient – to create new innovations and better ways to solve your energy needs.

Shengdong Gas Engine manufactures spark ignited gaseous fueled engines for electric power generation, cogeneration and mechanical drive applications. As a Chinese leading power systems supplier, Shengdong and the worldwide Shengdong® Dealer Network are committed to supplying you with the electric power solutions you need to operate your business at maximum efficiency.

Shengdong Gas Engines have a powerful reputation in a variety of electric power markets - and they have it for a reason. Time and time again, Shengdong gas-powered generator sets, from 10 to 2,500 kW, deliver consistent performance, durability, reliability and economy, day after day, in some of the world’s most grueling conditions.

For more than 30 years Shengdong has specialized in developing and providing generator sets for prime and standby power. Our sets are built to the highest standards and all go through rigorous testing before being released to the market place. We offer more than 50 models and build more than 1,000 units per year. Our Power Solutions team also design and manufacture generators to meet individual customer requirements not covered by our standard ranges.

Shengdong Gas Engines are driving some powerful new changes in the way we see our world, and the way live in it. As our economic horizon continues to expand, as our world view shifts from regional to global, Shengdong Gas engines are on the job meeting the challenges of change wherever and whenever the need is for low emission, reliable, and productive power. All Shendong Gas engines offer high reliability, durability, and fuel flexibility to burn fuels from all kinds of ignition gas.