

PRODUCED BY RUSSIAN MANUFACTURER  
**GAS-PISTON  
POWER STATIONS**

**120 YEARS  
OF SUCCESSFUL  
WORKS**



**Do you want an energy-efficient and uninterrupted power source?**

The company "Volgo Diesel - MAMINS" manufactures and supplies gas-piston power stations based on its own gas engines 6ГЧН21/21 and 8ГЧН21/26 using as a primary or standby source of electricity.

**How do our power stations work?**

Independently, in parallel (two or more gas-piston set), in parallel with the general electric networks.

**What are the advantages of gas piston power stations?**

Our gas-piston power stations provide a significant economic effect – reducing energy costs up to 2 times, due to cheap fuel and independence from the tariffs of energy companies. Maintenance of our stations does not require special tools and highly qualified personnel in contrast to foreign GGS.

Model	ГЭ20	ГЭ50	ГДГ90	ГДГ800
Engine	6ГЧН21/21	8ГЧН21/26	6ГЧН21/21	8ГЧН21/26
Electric (nominal) power, kW	600	1000	500	800
Thermal energy, kW	600*	1000*	500*	800*
Execution	containerized module		stationary	
Rated speed, rpm	1000			
Overall dimensions, mm	9000x3000 x3100	12000x3000 x3100	4120x1438 x2105	4800x1780 x2500
Weight (dry), kg	20000	25000	9452	12300

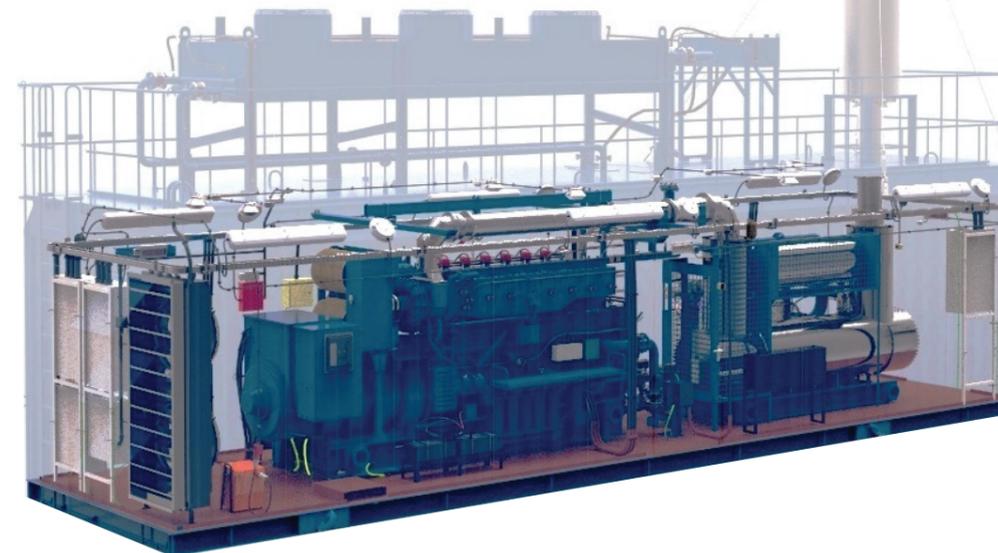
\* the engine is capable of producing from the exhaust heat exchanger gas and engine cooling systems

**What variants of power stations we offer?**

Depending on the individual requirements of the customer, we produce sets for the gas-piston power stations both in containerized module and stationary, with a design reference to an existing building or facility.

**Why choose our gas piston power stations?**

- » SIMPLE AND RELIABLE DESIGN
- » THE LACK OF DETONATION AND OVERHEATING OF THE MOTOR
- » MULTYFUEL CAPACITY
- » AVAILABLE SPARE PARTS
- » LOW CONSUMPTION OF OIL AND FUEL
- » LONG SERVICE LIFE
- » CONVENIENT IN OPERATION



**What are the advantages of containerized module gas-piston power stations?**

High factory readiness, which significantly reduces the time of installation and start-up of GPPS.

Power stations are equipped with all the necessary systems: heating, ventilation, lighting, gas exhaust system, fire fighting system.

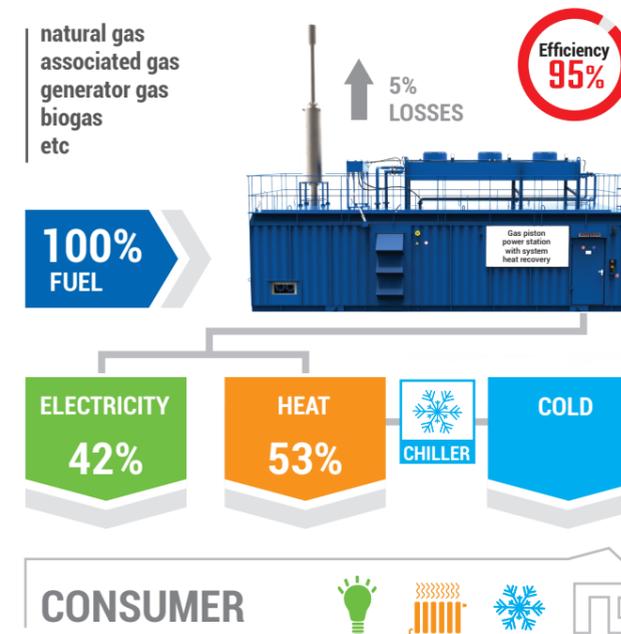
A high degree of heat and noise insulation is good due to materials with low thermal conductivity.

Robust construction made of rolled metal elements. The base of the container has a welded frame structure.

Power station transportation possible by all kinds of transport.

**Don't know what to do with APG?**

The use of cogeneration stations produced by «VOLGODIZELMASH» allows the consumer to obtain cheap thermal energy, which allows to increase the efficiency of the power station up to 95%.



**What are the advantages of cogeneration stations based on a gas engine by «VOLGODIZELMASH»?**

- The possibility of joint generation of electricity, heat and cold is trigeneration
- High adaptability to changing loads
- Environmentally friendly and quiet
- Low energy cost
- Quick payback

**What works and services in production of gas-piston installations we render?**

- Feasibility study
- Design of mini-CHP at the Customer's request
- Deliveries
- Installation and commissioning works
- Warranty and post-warranty service
- Customer training in operating rules

**WE ARE ALWAYS OPEN  
TO PARTNERSHIP AND COOPERATION**

«Volgo Diesel - MAMINS» - one of the largest domestic enterprises specializing in the production of reliable diesel and gas-piston sets, which have a wide range of applications in the industry.

In our work we rely on our accumulated experience of many years, supported by a high level of technical equipment and modern production technologies.

Following the requirements of the time, we are constantly developing our technologies, improving existing and developing new equipment, offering effective solutions.

The products which are manufactured in our factory save your company considerable money.

**88600 sqm**  
production complex

**900 units**  
of high-tech metalworking equipment

**20 countries**  
of the world in which our equipment works

**5500 kW**  
total volume of equipment capacity put into operation

**CONTACTS**

[www.vdm-plant.ru](http://www.vdm-plant.ru)

**PRODUCTION**

413850, Russia  
Saratov region, Balakovo  
Kommunisticheskaya str., 124

+7 (800) 550-37-73  
+7 (8453) 35-84-97  
info@vdm-plant.ru

**MOSCOW OFFICE**

123610, Moscow  
Krasnopresnenskaya emb., 12  
entrance 3, office 1809

+7 (495) 258-24-79  
+7 (495) 258-24-70  
mos@vdm-plant.ru

**ADDITIONAL MOSCOW OFFICE**

119607, Moscow  
Michurinsky pr., 29

+7 (495) 965-55-42  
fax@vdm-plant.ru  
mos-m@vdm-plant.ru