

Gas engine - Gas Engine Features

CF Brand gas engine generation unit



Technical features

Advantages

Combination of unit type, container type and factory type

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High voltage or low voltage type

Water cooling or air cooling

Full auto-control design, advanced combustion technology

Real time remote computer monitor and control technology

Fully automatic operation and synchronization technology

Security protection Intelligent integration, automatic faults detection technology

Unit auxiliary block modular technology

Specialized silencing, fire prevention, explosion-proof, cutting technology

High capacity start technology

Kinds of configuration

Wide application field

Reliable operation

Good economic efficiency

Low emission

Stable start

Automatic control, easy to operate

Safety

High reliability (2000hours)

Long life(20 years)

Engine Series	240 Series		280 Series	
Model	4 Stoke - direct injection – Supercharger intermediate – water cooler			
Engine Type	Q6L240Z-D	Q12V240Z-D	Q6L280Z-D	Q12V280Z-D
cylinders Configuration	L Type	V Type 50 °	L Type	V Type 50 °
No. of cylinders	6	12	6	12
cylinders Bore/Stroke	240/275		280/285	
Nominal speed	1000			
Speed range	400 - 1100			
Generator type	Options :400V, 6.3kV、 10.5kV Or according to customer requirement			
Shaft power (KW)	650	1300	900	1750
Continuous power of Gen. set (KW)	550	1100	828	1600
Rotary Direction	CCW	CW	CCW	CW
Fuel type	Pure Gas			
Methane number				
Electrical efficiency %	42.4%			
Power generation per 1Nm ³ (kW.h)	3.5 (Under standard conditions and continuous power, CH₄ conversion to 100%)			
External Dimensions	6200 × 2200 × 3000	6500 × 2400 × 3000	6200 × 2200 × 3000	6800 × 2500 × 3000
Net Weight (Kg)	20000	35000	22000	42000