

Gas engine - Gas Engine Features

MWM gas engine generation unit



TCG 2016



TCG 2020



TCG 2032



Technical features

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

Advantages

Kinds of configuration

Wide application field

Reliable operation

Good economic efficiency

Low emission

Stable start

Automatic control, easy to operate

Safety

High reliability (8000hours)

Long life(20 years)

Engine Series	2016			2020			2032	
Model	4 Stoke - direct injection – Supercharger Intercooler							
Engine Type	TCG2016V8	TCG2016V12	TCG2016V16	TCG 2020 V12	TCG 2020 V16	TCG 2020 V20	TCG 2032 V12	TCG 2032 V16
cylinders Configuration	V Type 50°							
No. of cylinders	8	12	16	12	16	20	12	16
cylinders Bore/Stroke	132/160			170/195			260/320	
Nominal speed	1500			1500			1000	
Generator type	Options :400V, 6.3kV、 11kV Or according to customer requirement							
Shaft power (KW)	416	625	833	1250	1615	2081	3404	4390
Nominal power (KW)	400	600	800	1200	1550	2000	3333	4300
Rotary Direction	CCW			CW				
Fuel type	Pure Gas							
Methane number				80	80	80	70	70
Electrical efficiency %	42.2%			40%			43.5%	
External Dimensions	3090 X 1480 X 2280	3680 X 1480 X 2280	4060 X 1480 X 2280	4700 X 1750 X 2500	5700 X 1750 X 2500	6300 X 1750 X 2500	7800 X 2700 X 3700	8900 X 2750 X 3800
Net Weight (Kg)	4650	5870	6530	10500	13500	17580	44500	49000

TCG2016 - PDF	TCG 2020 - PDF	TCG 2032 - PDF
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