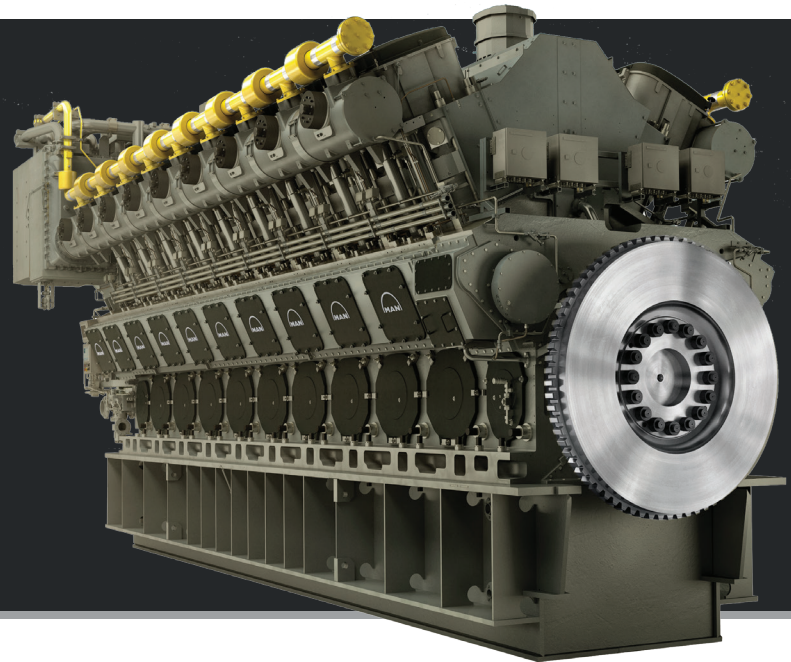# FM | MAN 51/60G GAS FUEL

POWER RANGE
20,200 kWe

# Largest and most powerful of its kind

The FM | MAN 51/60G boasts clean combustion, high efficiency, and comparatively low carbon dioxide emissions, all combined with the lower economics of natural gas. This new class of large-bore engine brings the benefits of gas engines to power and co-generation plants, providing maximum output combined with flexibility and reliability.

APPLICATIONS

- Power Generation

INSTALLATIONS

- Industrial Power Generation
- Municipalities
- Universities
- Schools
- Hospitals
- CHP
- IPP/Utilities
- Distributed Generation

KEY ADVANTAGES

- Largest, most powerful 4-stroke gas engine on the market
- The highest efficiency in the combustion engine field
- Reliable combustion of lean air/gas mixtures
- High and stable ratings in hot climates and at high elevations
- Excellent load response
- Low gas-admission pressures

ENGINE SPECIFICATIONS

Cylinder Configuration	18V	Displacement/Cylinder-L (cu in)	122.6 (7,482)
Cylinder Bore - mm (in)	510 (20)	Mean Piston Speed - m/s (ft/min)	10.3 (33.8) - 514 rpm
Piston Stroke - mm (in)	600 (23.6)	BMEP - bar (psi)	20-21.9 (290-318) - 514 rpm
Cycle	4 Stroke		

FM | MAN 51/60G

POWER RANGE
20,200 kWe
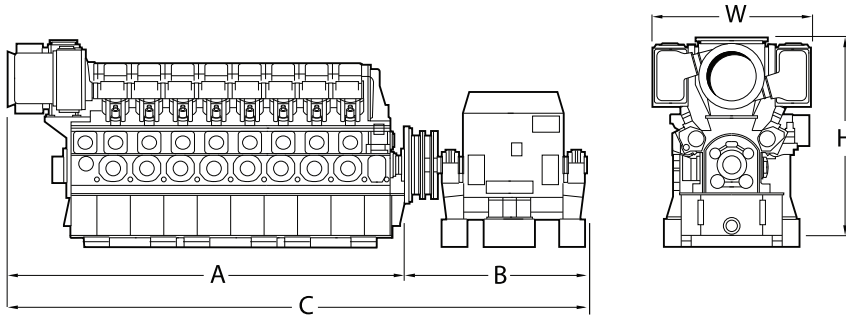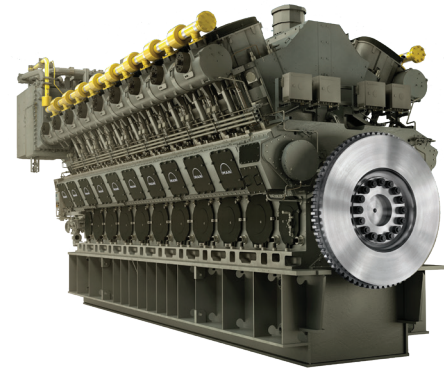
DIMENSIONS

CYLINDERS	A (mm)	B (mm)	C (mm)	W (mm)	H (mm)	DRY WEIGHT TONS (m) (lbs)
18V	13,148	5,410	18,558	4,700	6,530	373 (746,000)

Drawings are for illustration only. For installation obtain certified prints.

POWER RATINGS

CYLINDERS	Aspiration	GENERATOR 514 RPM 60Hz | kWe
18V	Turbocharged	20,182 18,427

NOTES
All ratings subject to factory approved application. Generator efficiency 97.6%. Power ratings P_{ISO} are as specified in DIN ISO 3046-1.
Power rating valid for tropical conditions: Air temp 45°C. Cooling water temp. at aircooler 52°C. Ambient pr 1 bar.

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