

MAN 51/60G


Bore 510 mm, Stroke 600 mm
18V

Engine speed	rpm	500/514
Engine Power	kW	18,900
Frequency	Hz	50/60
Electr. Genset power	kW	18,465

There is a special variant of the MAN 51/60 engine optimized for liquid fuel operation, offering easy modification to DF or Gas.

Electr. Genset heat rate at 100% load

Optimized for power generation, (TA Luft)	kJ/kWh	7,370
Electrical Efficiency	%	48.8
Optimized for combined cycle, (TA Luft)	kJ/kWh	7,561
Electrical Efficiency	%	47.6

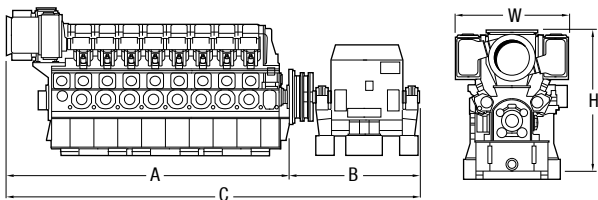
Nominal generator efficiency: 97.7%, Methane no. ≥ 80 ; without pumps; 5% tolerance

Lube oil consumption	kg/h	6.7
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Specific lube oil consumption 0.35 g/kWh, tolerance: +20%

Dimensions

A	mm	13,148
B	mm	5,410
C	mm	18,558
W	mm	4,700
H	mm	6,530
Genset dry mass	t	373



Note: The above dimension: only reference.

The final dimensions are determined by the type of generator.



MAN 51/60G

SOAR

Engine cycle: four-stroke

Turbocharging system: constant pressure

Number of cylinders, V-engine: 18

Bore: 510 mm

Stroke: 600 mm

Swept volume per cylinder: 122.6 dm

Cylinder output (MCR)

at 500 rpm, 50Hz: 1,050 kW

at 514 rpm, 60Hz: 1,050 kW

Cylinder cooling: Fresh water

Starting method: Compressed air



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