

MAN 51/60G TS


Bore 510 mm, Stroke 600 mm
18V

		1	2
Operational setup	rpm		
Engine speed	rpm	500/514	500/514
Engine Power	kW	18,900	20,700
Frequency	Hz	50/60	50/60
Electr. Genset power	kW	18,465	20,220

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	7,183	7,315
Electrical Efficiency	%	52.8	49.6
Optimized for combined heat and power (TA Luft)	kJ/kWh	-	7,356
Electrical Efficiency	%	-	48.9

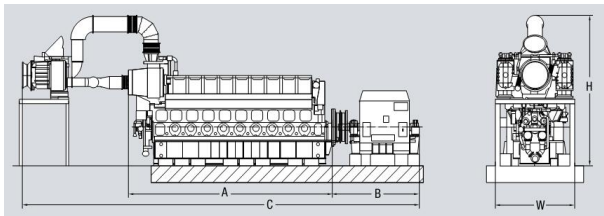
Nominal generator efficiency: 97.7%, Methane no. ≥ 80 ; without pumps; 5% tolerance

Lube oil consumption	kg/h	6.6	7.2
-----------------------------	------	-----	-----

Specific lube oil consumption 0.35g/kWh, tolerance: +20%

Dimensions

A	mm	19,100
B	mm	5,410
C	mm	24,510
W	mm	4,700
H	mm	9,023
Genset dry mass	t	407



Note: The above dimension: only reference.

The final dimensions are determined by the type of generator.



MAN 51/60G TS

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 514 rpm, 60 Hz: 1,150 kW

at 500 rpm, 50 Hz: 1,150 kW

Cylinder cooling: Fresh water

Charge air cooler (two-stage): Fresh water

Starting method: Compressed air



URL: <http://www.soar.hk>

E-mail: sale@soar.hk

Phone: +86-4008111308