MAN 51/60G

Bore 510 mm, Stroke 600 mm			18V
Operational setup		**High eficiency**	**High power**
Engine speed	rpm	500/514	500/514
Frequency	Hz	50/60	50/60
Electr. Genset power	kW	18,465	20,220

Nominal alternator eficiency: 97.7%.

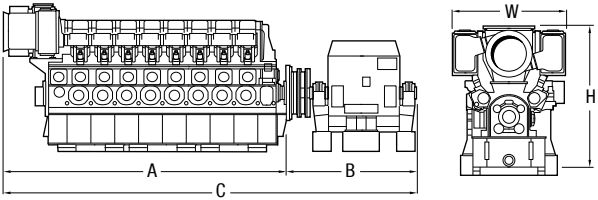
Electr. Genset heat rate at 100% load			
Optimized for power generation, (TA Luft)	kJ/kWh	7,244	7,376
Optimized for combined cycle, (TA Luft)	kJ/kWh	7,244	7,376
Optimized for combined heat and power (TA Luft)	kJ/kWh	–	7,416
Electrical Eficiency	%	48.8	47.6

Methane no. ≥ 80; without pumps; 5% tolerance.

Lube oil consumption	kg/h	6.6	7.2

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 inal dimensions are determined by the type of alternator.

MAN 51/60G

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 Hight Eficiency: 1050 kW/Cyl.
at Hight Power: 1150 kW/Cyl.

Cylinder cooling: Fresh water

Starting method: Compressed air

URL: http://www.soar.hk
E-mail: sale@soar.hk
Phone: +86-4008111308