

ML450DF-G

直列型双燃料发电机组

In-line type dual fuel (DF) engine for Generator Sets

缸径Bore: 450 mm, 冲程Stroke: 600 mm

Tier II **Tier III**

Tier III in gas mode

转速 Speed	r/min	600	600
频率 Frequency	Hz	60	50
平均有效压力 MEP	bar	24.1	24.1
机组型号 Genset Model	主机功率 Engine kW	机组功率 Genset kW ¹⁾	
6ML450DF-G	6900	6690	
7ML450DF-G	8050	7800	
8ML450DF-G	9200	8920	
9ML450DF-G	10350	10040	

MCR点经济性指标Economical performance²⁾

MCR	Gas mode (>98.5% gas)	燃料消耗率BSFC	能耗BSEC	热效率Efficiency
@ 100%	Diesel mode (100% Diesel)	--	7420 kJ/kWh	48.5%
			燃油消耗率BSFC	
			185 g/kWh	
	滑油消耗率Lube oil consumption		0.8 g/kWh	

尺寸和重量Dimension and weight³⁾

Cyl.No.		6	7	8	9
L	mm	12580	13380	14180	14980
W	mm	3280	3280	3280	3280
H1	mm	1500	1500	1500	1500
H2	mm	3700	3700	3700	3700
H3	mm	5987	5987	5987	5987
Dry mass	t	144	167	172	190

*1) 基于标称发电效率为97%; Based on nominal generator efficiencies of 97% ;

*2) 基于天然气低热值为44.87MJ/kg; 燃油低热值42700kJ/kg; ISO工况条件;

燃料消耗已考虑了微引燃油。

This based on the nature gas with low heating value 44.87 MJ/kg, diesel fuel with low heating value 42700 kJ/kg and ISO condition, Micro-pilot fuel consumption already considered.

*3) 本尺寸仅作参考, 实际规格以具体项目协议书中定义的尺寸为准。

This size is only for reference. The actual size is subject to the size defined in the agreement of the specific project.

