

ML450DF-G

直列型双燃料发电机组

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

Tier II Tier III

Tier III in gas mode

缸径 Bore: 450mm, 冲程 Stroke: 600mm

转速 speed	r/min	600
频率 frequency	Hz	60/50
平均有效压力 MEP	bar	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⁾

	Gas mode	燃料消耗率 BSFC	能耗 BSEC	热效率 Efficiency
MCR		----	7420kJ/kWh	48.5%
@100%	Diesel mode		燃油消耗率 BSFC	
	(100% Diesel)		185g/kWh	
滑油消耗率 Lube oil consumption			0. 8g/kWh	

尺寸和重量 Dimension and weight³⁾

Cyl.No.		6	7	8	9
L	mm	14060	14860	15660	16458
W	mm	3200	3200	3200	3200
H	mm	5300	5300	5300	5300
Dry mass	t	142	165	170	188

*1) 基于标称发电机效率为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 44.87MJ/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.

