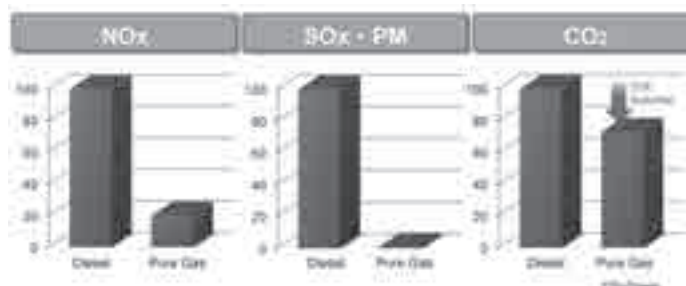


## Marine gas engine EYG26L

### Overview

Yanmar has developed the new marine gas engine. This engine can reduce 90% of NOx, 27% of CO<sub>2</sub>, 99% of SOx and 99% of PM from the IMO/tier 2 base diesel engine.

This engine can adapt the requirement of environmental impact materials reduction level of IMO/tier 3 without after treatment.

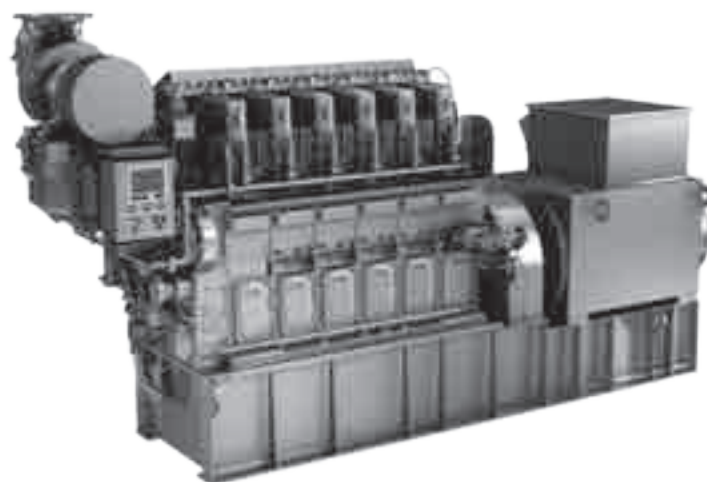


### High reliability, high efficiency

The engine is applied to the prime mover of the marine electrical power generation. This engine applied the new development technology to maintain the air-fuel ratio within certain ranges to the changes of fuel calories and of load variation. As the result, the engine has succeeded in providing the high reliability as a marine prime mover.

This engine also has installed the combustion control system which optimize each cylinder combustions and detect and avoid knocking by monitoring each cylinder pressures. As the results, this engine has achieved 45% of thermal efficiency with 1.8MPa mean effective pressure.

This developments have been done by support from the Nippon foundation.



Model	EYG26L
Type	Vertical, water cooled four stroke
No. of cylinders	6,8
Total stroke volume	122.6/163.5ℓ
Rated output (at Flywheel end)	1350/1900kW
Rated speed	720min-1
Fuel	LNG
Combustion system	Manifold injection pre-chamber, spark ignition
Dry weight (Gen.Sets)	19,000kg[31,100]

Model	6EYG26	8EYG26	
Dimension (mm)	A[Length]	6774	8258
	A'	3974	5290
	B	2102	2286
	C	3722	3867
	D	5270	6720
	E	1420	1420
F	1250	1250	

