



YANMAR

Information

Yanmar Acquires Emission Regulation Certification for 6AYE and EY26W Series Diesel Engines in China



<Diesel main engines for ships; 6AYEM-ET (left) and 6EY26W (right)>

Osaka Japan (August 27th, 2019) - In response to new Chinese emission regulations (CHINA I and II) applicable to ship engines and introduced*¹ in July 2019, Yanmar Co., Ltd, has become the first*² Japanese manufacturer in China to acquire certification with its 6AYE and EY26W Series diesel engines. Yanmar plans to begin shipment of CHINA I and II compliant engines from September of this year.

Yanmar will continue to work towards acquiring emission regulation certification in each shipment destination country, and in doing so contribute to marine environmental protection.

■ CHINA I and II certified engines

① High-speed diesel main engine for ships; 6AYE Series

Engine model	6AYEM-ST	6AYEM-ET
No. of cylinders	6	
Total displacement (ℓ)	20.379	
Rated Output (kW)	485	599
RPM (min-1)	1900	1900

② Medium-speed diesel main engine for ships; EY26W Series

Engine model	6EY26W			8EY26W			
No. of cylinders	6			8			
Total displacement (ℓ)	122.6			163.53			
Rated Output (kW)	1471	1620	1920	2060	2210	2360	2560
RPM (min-1)	750			750			

■ Outline of CHINA I and II emission regulations for ship engines

The emission regulations apply to main propulsion and auxiliary engines (including compression ignition engines, spark ignition gas engines, and dual-fuel engines), with a rated output of 37kW or more and a displacement per cylinder of less than 30L, and which are installed in inland ships^{*3}, coastal ships^{*4}, Jianghai ships^{*5}, and ferries^{*6}. CHINA I came into effect in July 2019. CHINA II will come into effect from July 2022.

*1 After enactment on July 1, 2018, the regulations came into full effect after a grace period of one year.

*2 As of August 2019.

*3 Inland ship: navigates rivers and lakes.

*4 Coastal ship: navigates between coastal ports.

*5 Jianghai ship: specially designed to navigate both coastal waters and rivers.

*6 Ferry: navigates straits or between islands.

<About Yanmar>

With beginnings in Osaka, Japan, in 1912, Yanmar was the first to succeed in making a compact diesel engine of a practical size in 1933. Then, with

industrial diesel engines as the cornerstone of its enterprise, Yanmar has continued to expand its product range, services, and expertise to deliver total solutions as an industrial equipment manufacturer. As a provider of small and large engines, agricultural machinery and facilities, construction equipment, energy systems, marine equipment, machine tools, and components, Yanmar's global business operations span seven domains.

On land, at sea, and in the city, Yanmar's mission of "providing sustainable solutions focused on the challenges customers face, in food production and harnessing power, thereby enriching people's lives for all our tomorrows" is a testament to Yanmar's determination to provide us with "A Sustainable Future."

For more details, please visit the official website of Yanmar Co., Ltd.:
<https://www.yanmar.com/global/about/>

<NOTE>

The contents of this news release reflect what was mentioned in the press announcement. Please be aware that the contents of this release may differ with new information and developments.
