



**YANMAR**

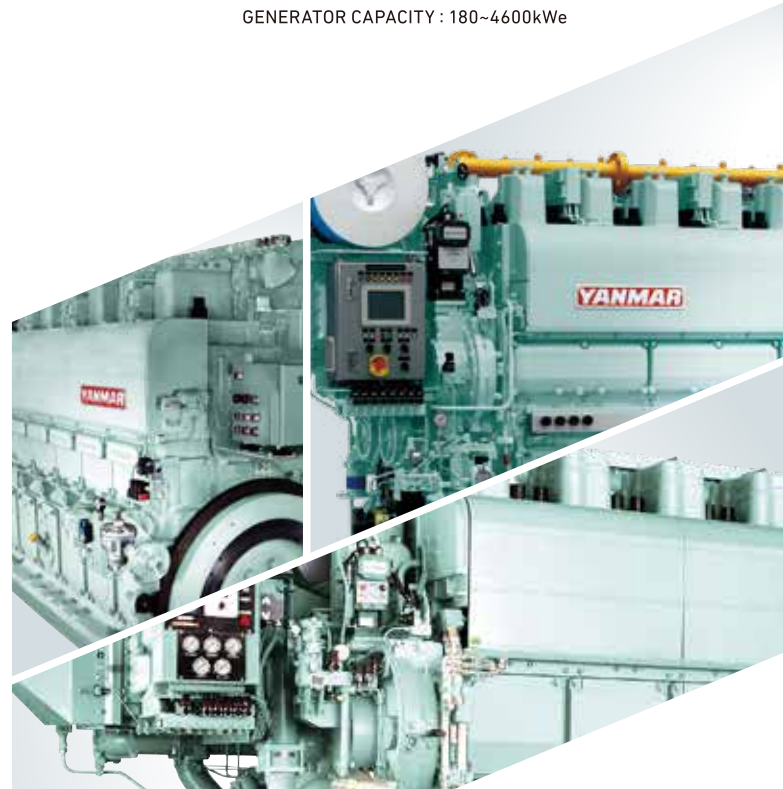
# **MARINE PRODUCTS GUIDE**

## **MARINE PROPULSION**

POWER RANGE : 374~4500kW

## **MARINE AUXILIARY**

GENERATOR CAPACITY : 180~4600kWe



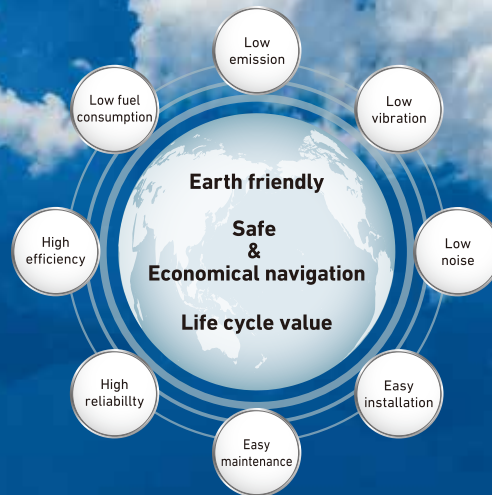
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[yanmar.com/global/](http://yanmar.com/global/)

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Bring happiness  
to people  
as they navigate the seas.

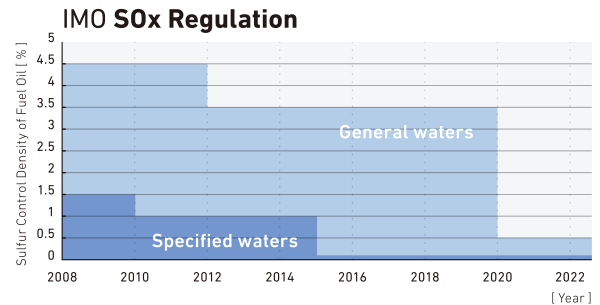
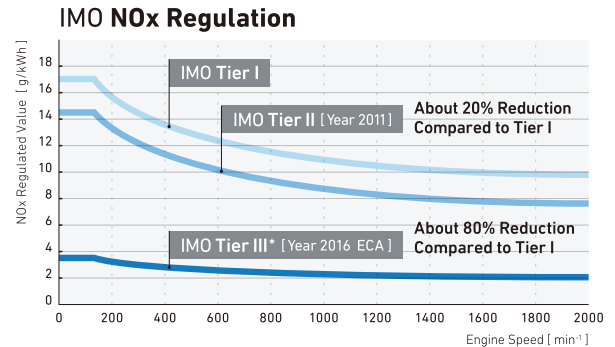


## CONTENTS

04P Environmental performance	38P SCR system
08P Marine propulsion diesel engine Bore: 170~330mm	42P 2-stage turbocharging system
18P Marine auxiliary diesel engine Bore: 160~330mm	44P Marine spring vibration isolating system
29P Marine auxiliary diesel engine Bore: 130~155mm	46P SHIPSWEB
34P Marine dual fuel engine	48P T.T.SCHOOL
	50P Amagasaki factory
	52P World wide service network

# Clean and Reliable Technology

IMO Tier III\* requires ships built from 2016 onwards in designated emission control areas (ECAs) to have an 80% Nox reduction from Tier I levels. By 2020, sulfur content of less than 0.5% will be required for all ships as well. Time and time again, YANMAR technology has proven itself to be reliable in a wide range of commercial marine engines. In addition to this, to stay a head of the game we are continually making new technology that meets tightening emissions regulations. In addition to providing our customers with the products they need, we also improve "Life Cycle Value" of our products. With a focus on harmony with nature, YANMAR delivers optimized solutions that support longer ship life.



\* Tier III is applied in general waters ECA = Emission Control Area  
IMO = International Maritime Organization NOx = Nitrogen Oxides SOx = Sulfur Oxides

## Innovative and reliable technologies using Hydrogen as a fuel

Recently, Global warming has been getting worse,  
and Hydrogen gets more attention as an alternative  
clean energy to fossil fuels according to the current  
strong global trend towards Decarbonized society  
without GHG emission.

YANMAR have been pioneering the next generation  
powertrains for ships, such as Fuel cell systems which  
generate electrical power with Hydrogen as a fuel.

NEW TECHNOLOGY YANMAR SOLUTION

## Maritime Hydrogen Fuel Cell System

Make your ships Zero Emission,  
No odor exhaust, Low Noise & Vibration



### ***GH300FC***

- Power output : 300kW [ Customizable ]
- Voltage output : 450-700Vdc
- Current output : 462-667A
- Peak efficiency : 54%
- Dimensions [ W×D×H ] : 3.4×1.1×1.7m
- Weight : 3000kg
- Fuel : Hydrogen [ ISO 14687 ]
- Exhaust : Zero Emission  
No GHG, NOx, SOx

Yanmar has engaged in multiple initiatives, including navigational tests of demonstration ships equipped with hydrogen fuel cells and conducting high-pressure hydrogen refueling tests for ships. Leveraging their expertise and experience in the marine engine business, Yanmar aims to provide total solutions for decarbonization and digitalization of ships with comprehensive designs covering the entire powertrain of fuel cell ships, encompassing power storage, power management, propulsion, hydrogen storage systems and more. This comprehensive system will support the decarbonization and digitalization of the entire ship.



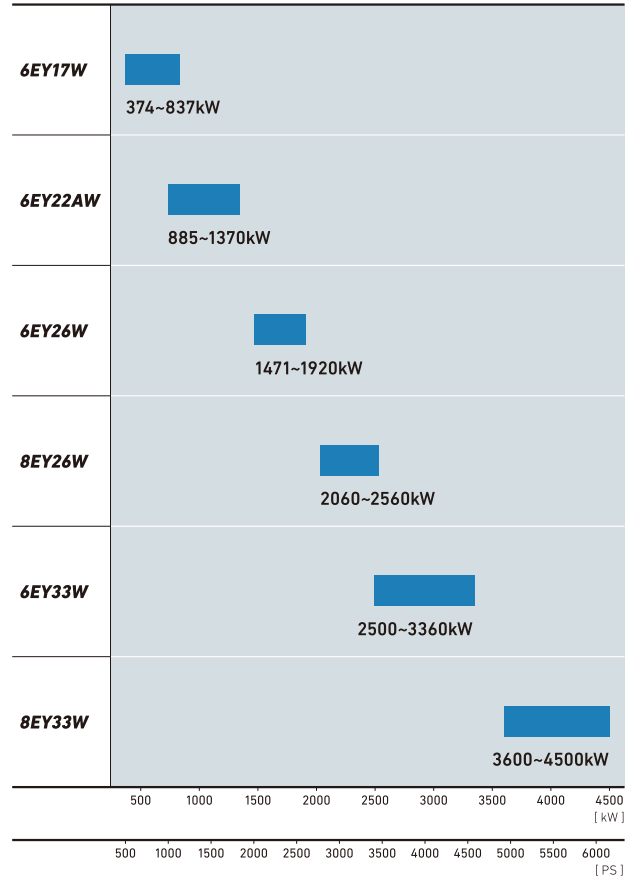
YANMAR received Japan's First Approval in Principle  
for Maritime Hydrogen Fuel Cell System from ClassNK

# MARINE PROPULSION

DIESEL ENGINE LINE-UP



## Power Range



# 6EY17W

Power Range 374~837kW

## Main Data

- Type : 4-stroke, Diesel
- No. of Cylinders : In-line 6
- Cylinder Bore : 170mm
- Piston Stroke : 230mm
- Mean Effective Pressure : 1.06-2.21MPa
- Piston Speed : 10.35 / 11.12m/s

## Rated Output

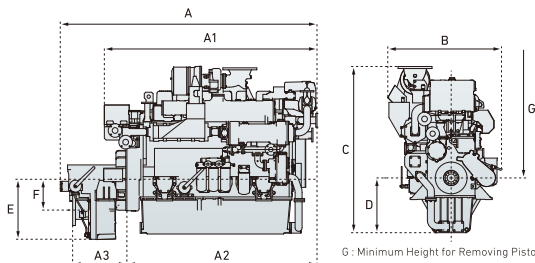
Engine Model	6EY17W				
Continuous Rated Output	374	480	590	749	837
	[508]	[653]	[802]	[1018]	[1138]
	kW(PS)				
Rated Engine Speed	1350				1450
	min <sup>-1</sup>				
Engine Dry Weight	3880				
	kg				

## Standard Marine Gear

Propeller Type		for F.P.P.				
Marine Gear Model	Offset	YXH-500				
		YXH-500L				
Reduction Gear Ratio [Ahead]	Offset	2.53, 3.04, 3.48				
		3.57, 4.07, 4.48, 4.96				
Marine Gear Dry Weight	Offset	700				
		1667				
		kg				

## Dimensions [ mm ] / Weights [ kg ]

Engine Model	Marine Gear	A	A1	A2	A3	B	C	D	E	F	G	Total Dry Weight with Marine Gear
6EY17W 374kW 480kW 590kW	YXH-500	2908	2410	2154	615	1305	1813	620	682	349	1300	4580
	YXH-500L	3091	2410	2154	794	1305	1813	620	862	429	1300	5547
6EY17W 749kW 837kW	YXH-500	2908	2410	2154	615	1305	1882	620	682	349	1300	4580
	YXH-500L	3091	2410	2154	794	1305	1882	620	862	429	1300	5547



G : Minimum Height for Removing Piston

# 6EY22AW

Power Range 885~1370kW

## Main Data

- Type : 4-stroke, Diesel
- No. of Cylinders : In-line 6
- Cylinder Bore : 220mm
- Piston Stroke : 320mm
- Mean Effective Pressure : 1.62-2.50MPa
- Piston Speed : 9.60m/s

## Rated Output

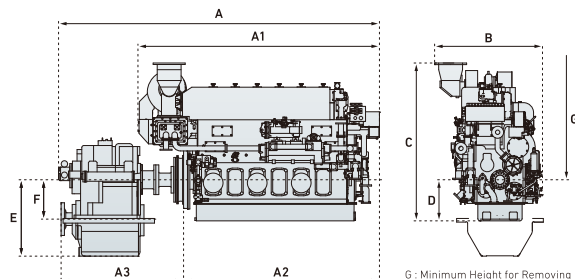
Engine Model	6EY22AW				
Continuous Rated Output	885	1030	1180	1330	1370
	[1203]	[1400]	[1604]	[1808]	[1863]
	kW(PS)				
Rated Engine Speed	900				
	min <sup>-1</sup>				
Engine Dry Weight	10000				
	kg				

## Standard Marine Gear

Propeller Type		for F.P.P.			
Marine Gear Model	Offset	YX-1000		YXH-2000	
		YX-1000C		YXH-2000C	
Reduction Gear Ratio [Ahead]	Offset	2.03, 2.36, 2.78, 3.32		2.23, 2.58, 2.79, 3.03	
		Co-Axial 2.03, 2.36, 2.78, 3.32		2.23, 2.58, 2.79, 3.03	
Marine Gear Dry Weight	Offset	2400		4750	
		Co-Axial 2565		5050	
		kg			

## Dimensions [ mm ] / Weights [ kg ]

Engine Model	Marine Gear	A	A1	A2	A3	B	C	D	E	F	G	Total Dry Weight with Marine Gear
6EY22AW 885kW	YX-1000	4574	3647	2965	1488	1548	2326	666	885	435	1922	12505
	YX-1000C	4687	3647	2965	1601	1618	2416	666	450	-	1922	12670
6EY22AW 1030kW	YX-1000	4603	3647	2965	1517	1618	2416	666	885	435	1922	12556
	YX-1000C	4636	3647	2965	1550	1618	2416	666	450	-	1922	12721
6EY22AW 1180kW 1330kW 1370kW	YXH-2000	4810	3647	2965	1807	1618	2416	666	1145	590	1922	14861
	YXH-2000C	4960	3647	2965	1957	1618	2416	666	555	-	1922	15161



G : Minimum Height for Removing Piston

# 6EY26W

Power Range 1471~1920kW

## Main Data

- Type : 4-stroke, Diesel
- No. of Cylinders : In-line 6
- Cylinder Bore : 260mm
- Piston Stroke : 385mm
- Mean Effective Pressure : 1.92-2.50MPa
- Piston Speed : 9.63m/s

## Rated Output

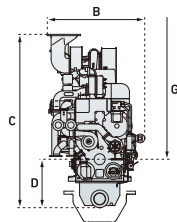
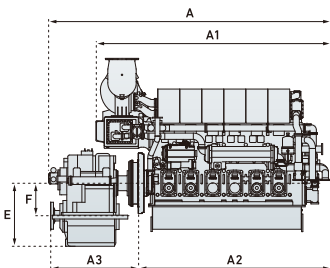
Engine Model	6EY26W		
Continuous Rated Output	1471	1620	1920
	[2000]	[2203]	[2610]
	kW(PS)		
Rated Engine Speed	750		
	min <sup>-1</sup>		
Engine Dry Weight	18500		
	kg		

## Standard Marine Gear

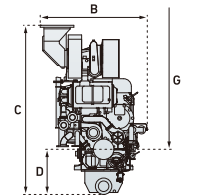
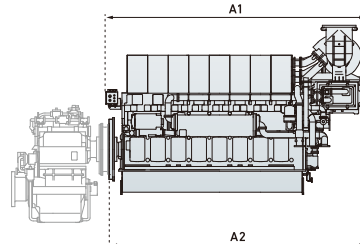
Propeller Type	for C.P.P.		for F.P.P.		for C.P.P.		for F.P.P.	
Marine Gear Model	Offset	<b>YXH-2000M</b>	<b>YXH-2000</b>	<b>YXH-2500M</b>	<b>YXH-2500</b>	<b>YXH-2500MC</b>	<b>YXH-2500</b>	
	Co-Axial	<b>YXH-2000MC</b>	<b>YXH-2000C</b>	<b>YXH-2500MC</b>	<b>YXH-2500C</b>	<b>YXH-2500MC</b>	<b>YXH-2500C</b>	
Reduction Gear Ratio [Ahead]	Offset	2.23, 2.58, 2.79, 3.03						
	Co-Axial	2.23, 2.58, 2.79, 3.03						
Marine Gear Dry Weight	Offset	3900	4750	3950	4800	3950	4800	
	Co-Axial	4300	5050	4400	5150	4400	5150	
	kg							

## Dimensions [ mm ] / Weights [ kg ]

Engine Model	Marine Gear	A	A1	A2	A3	B	C	D	E	F	G	Total Dry Weight with Marine Gear
<b>6EY26W</b> 1471kW	<b>YXH-2000M</b>	5702	4271	3563	1882	1804	3112	842	1145	590	1900	22549
	<b>YXH-2000MC</b>	5880	4271	3563	2322	1804	3112	842	555	-	1900	22949
	<b>YXH-2000</b>	5483	4271	3563	1882	1804	3112	842	1145	590	1900	23349
	<b>YXH-2000C</b>	5601	4271	3563	2070	1804	3112	842	555	-	1900	23649
<b>6EY26W</b> 1620kW 1920kW	<b>YXH-2500M</b>	5710	4271	3563	1890	1804	3112	842	1145	590	1900	22640
	<b>YXH-2500MC</b>	5880	4271	3563	2320	1804	3112	842	555	-	1900	23090
	<b>YXH-2500</b>	5491	4271	3563	1890	1804	3112	842	1145	590	1900	23490
	<b>YXH-2500C</b>	5601	4271	3563	2070	1804	3112	842	555	-	1900	23840



G : Minimum Height for Removing Piston



G : Minimum Height for Removing Piston

# 8EY26W

Power Range 2060~2560kW

## Main Data

- Type : 4-stroke, Diesel
- No. of Cylinders : In-line 8
- Cylinder Bore : 260mm
- Piston Stroke : 385mm
- Mean Effective Pressure : 2.02-2.50 MPa
- Piston Speed : 9.63m/s

## Rated Output

Engine Model	8EY26W			
Continuous Rated Output	2060	2210	2360	2560
	[2801]	[3005]	[3209]	[3481]
	kW(PS)			
Rated Engine Speed	750			
	min <sup>-1</sup>			
Engine Dry Weight	24500			
	kg			

## Dimensions [ mm ] / Weights [ kg ]

Engine Model	A	A1	A2	A3	B	C	D	E	F	G
<b>8EY26W</b> 2060kW 2210kW 2360kW 2560kW	-	5090	5022	-	2085	3257	842	-	-	1900

# 6EY33W

Power Range 2500~3360kW

## Main Data

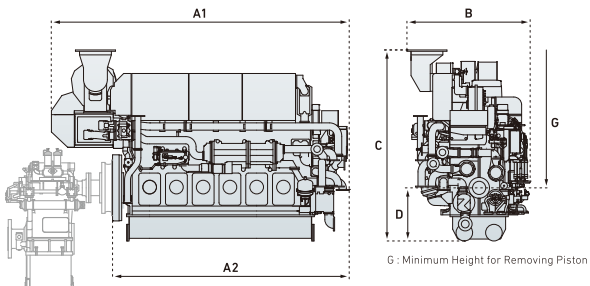
- Type : 4-stroke, Diesel
- No. of Cylinders : In-line 6
- Cylinder Bore : 330mm
- Piston Stroke : 440mm
- Mean Effective Pressure : 1.77-2.38MPa
- Piston Speed : 11.00m/s

## Rated Output

Engine Model	6EY33W			
Continuous Rated Output kW(PS)	2500 [3399]	2750 [3739]	3100 [4215]	3360 [4568]
Rated Engine Speed min <sup>-1</sup>	750			
Engine Dry Weight kg	38800			

## Dimensions [ mm ] / Weights [ kg ]

Engine Model	A	A1	A2	A3	B	C	D	E	F	G
<b>6EY33W</b> 2500kW 2750kW 3100kW 3360kW	-	5700	4520	-	2335	3695	1025	-	-	2372



# 8EY33W

Power Range 3600~4500kW

## Main Data

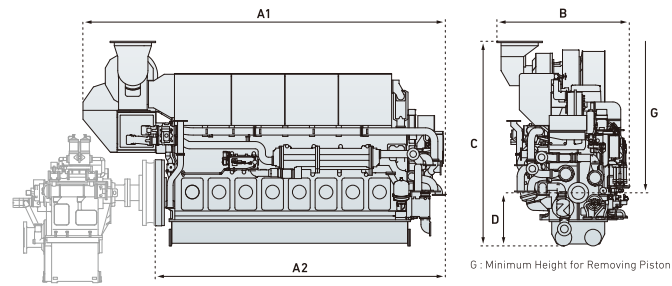
- Type : 4-stroke, Diesel
- No. of Cylinders : In-line 8
- Cylinder Bore : 330mm
- Piston Stroke : 440mm
- Mean Effective Pressure : 1.91-2.39MPa
- Piston Speed : 11.00m/s

## Rated Output

Engine Model	8EY33W		
Continuous Rated Output kW(PS)	3600 [4895]	4000 [5438]	4500 [6118]
Rated Engine Speed min <sup>-1</sup>	750		
Engine Dry Weight kg	50000		

## Dimensions [ mm ] / Weights [ kg ]

Engine Model	A	A1	A2	A3	B	C	D	E	F	G
<b>8EY33W</b> 3600kW 4000kW 4500kW	-	7125	5585	-	2555	4040	1025	-	-	2372





# 6N21AW

Power Range 662~956kW

## Main Data

- Type : 4-stroke, Diesel
- No. of Cylinders : In-line 6
- Cylinder Bore : 210mm
- Piston Stroke : 290mm
- Mean Effective Pressure : 1.65-2.24MPa
- Piston Speed : 7.73 / 8.22m/s

## Rated Output

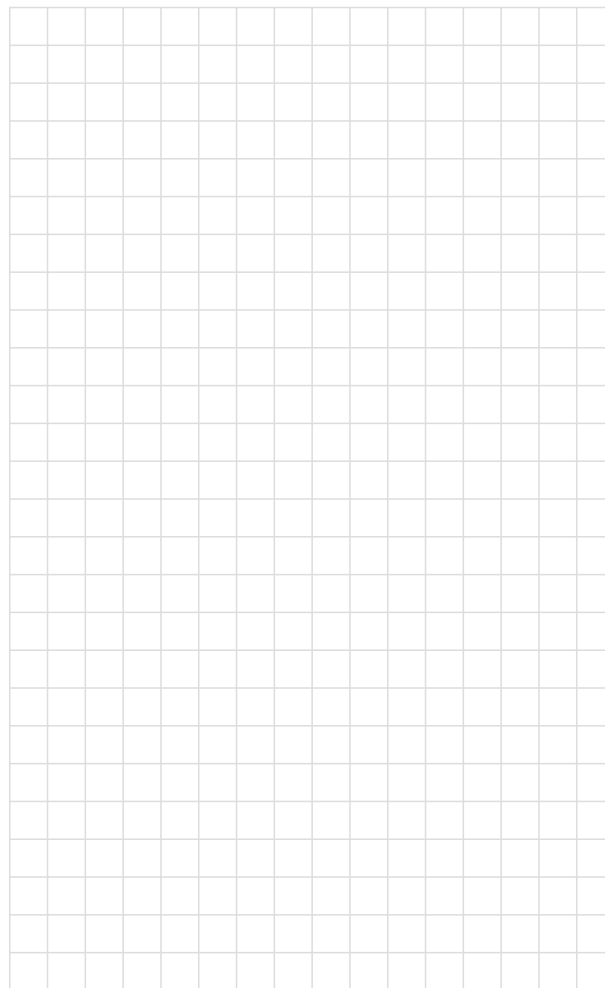
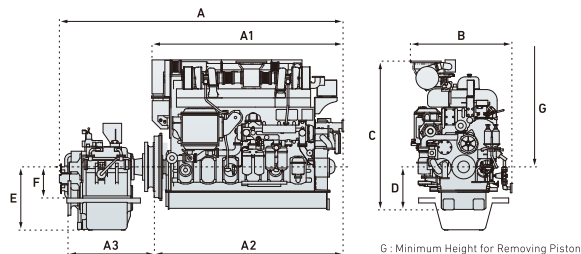
Engine Model	6N21A-DW	6N21A-UW	6N21A-SW	6N21A-EW
Continuous Rated Output kW(PS)	662 [900]	736 [1000]	883 [1200]	956 [1300]
Rated Engine Speed min <sup>-1</sup>	800		850	
Engine Dry Weight kg	8000			

## Standard Marine Gear

Propeller Type		for F.P.P.			
Marine Gear Model	Offset	<b>YX-1000</b>			
	Co-Axial	<b>YX-1000C</b>			
Reduction Gear Ratio [Ahead]	Offset	2.03, 2.36, 2.78, 3.32			
	Co-Axial	2.03, 2.36, 2.78, 3.32			
Marine Gear	Offset	2400			
Dry Weight kg	Offset	2565			
	Co-Axial	2565			

## Dimensions [ mm ] / Weights [ kg ]

Engine Model	Marine Gear	A	A1	A2	A3	B	C	D	E	F	G	Total Dry Weight with Marine Gear
<b>6N21A-DW</b> 662kW	<b>YX-1000</b>	4053	2776	2733	1199	1420	2081	601	885	435	1802	10478
<b>6N21A-UW</b> 736kW	<b>YX-1000C</b>	4086	2776	2733	1232	1420	2081	601	450	-	1802	10643
<b>6N21A-SW</b> 883kW	<b>YX-1000</b>	4059	2776	2733	1205	1420	2081	601	885	435	1802	10494
<b>6N21A-EW</b> 956kW	<b>YX-1000C</b>	4092	2776	2733	1238	1420	2081	601	450	-	1802	10659



# MARINE AUXILIARY

DIESEL ENGINE LINE-UP



## Generator Capacity

60Hz	
720 min <sup>-1</sup>	<b>6EY18LW</b> 360~560kWe
	<b>6EY22LW</b> 600~1020kWe
	<b>6EY26LW</b> 1300~1720kWe
	<b>8EY26LW</b> 1800~2300kWe
	<b>6EY33LW</b> 2550~3400kWe
	<b>8EY33LW</b> 3750~4600kWe
900 min <sup>-1</sup>	<b>6N165LW</b> 320~360kWe H.F.O [ up to 380mm <sup>2</sup> /s / 50°C ]
	<b>6EY18ALW</b> 400~750kWe
	<b>6EY21ALW</b> 800~940kWe
1200 min <sup>-1</sup>	<b>6EY22ALW</b> 800~1425kWe
	<b>6NY16LW</b> 240~400kWe M.D.O Only
	<b>6N165LW</b> 400~480kWe M.D.O / H.F.O [ up to 380mm <sup>2</sup> /s / 50°C ]
0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 [ kWe ]	

50Hz	
750 min <sup>-1</sup>	<b>6EY18LW</b> 360~560kWe
	<b>6EY22LW</b> 600~1020kWe
	<b>6EY26LW</b> 1300~1720kWe
	<b>8EY26LW</b> 1800~2300kWe
	<b>6EY33LW</b> 2550~3450kWe
	<b>8EY33LW</b> 3800~4600kWe
1000 min <sup>-1</sup>	<b>6NY16LW</b> 180~320kWe M.D.O Only
	<b>6N165LW</b> 320~400kWe M.D.O Only
	<b>6EY18ALW</b> 400~750kWe
	<b>6EY22ALW</b> 800~1300kWe
0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 [ kWe ]	

Fuel Oil : M.D.O / H.F.O ( up to 700mm<sup>2</sup>/s / 50°C )

# 6NY16LW

Generator Capacity 180~400kWe

## Main Data

- Type : 4-stroke, Diesel
- No. of Cylinders : In-line 6
- Cylinder Bore : 160mm
- Piston Stroke : 200mm
- Engine Speed : 1000 / 1200min<sup>-1</sup>
- Mean Effective Pressure : 1.00-1.83MPa
- Piston Speed : 6.7 / 8.0m/s

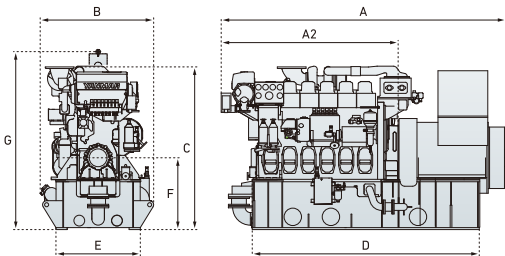
## Rated Output

Engine Model	60Hz		50Hz	
	1200min <sup>-1</sup>		1000min <sup>-1</sup>	
	Eng [ kW (PS) ]	Gen [ kWe ]	Eng [ kW (PS) ]	Gen [ kWe ]
6NY16L-HW	265 (360)	240	200 (272)	180
6NY16L-DW	310 (421)	280	245 (333)	220
6NY16L-UW	355 (483)	320	270 (367)	240
6NY16L-SW	400 (544)	360	310 (421)	280
6NY16L-EW	441 (600)	400	353 (480)	320

Above generator capacity will vary according to actual generator efficiency.

## Dimensions [ mm ] / Weights [ kg ]

Engine Model	A	A2	B	C	D	E	F	G	Dry Weight	
									Engine	Gen.Set
									6NY16L-HW 200/265kW	3097
6NY16L-DW 245/310kW	3097	1972	1265	1813	2530	940	800	1983	2880	5870
6NY16L-UW 270/355kW	3117	1972	1265	1813	2530	940	800	1983	2880	5870
6NY16L-SW 310/400kW	3112	1972	1265	1813	2530	940	800	1983	2880	5870
6NY16L-EW 353/441kW	3172	1972	1265	1813	2530	940	800	1983	2880	5870



G : Minimum Height for Removing Piston

# 6N165LW

Generator Capacity 320~480kWe

## Main Data

- Type : 4-stroke, Diesel
- No. of Cylinders : In-line 6
- Cylinder Bore : 165mm
- Piston Stroke : 232mm
- Engine Speed : 900 / 1000 / 1200min<sup>-1</sup>
- Mean Effective Pressure : 1.42-1.78MPa
- Piston Speed : 7.0 / 7.7 / 9.3m/s

## Rated Output

Engine Model	60Hz		50Hz	
	900min <sup>-1</sup>		1000min <sup>-1</sup>	
	Eng [ kW (PS) ]	Gen [ kWe ]	Eng [ kW (PS) ]	Gen [ kWe ]
6N165L-UW	-	-	353 (480)	320
6N165L-SW	353 (480)	320	397 (540)	360
6N165L-EW	397 (540)	360	441 (600)	400
	1200min <sup>-1</sup>			
	Eng [ kW (PS) ]	Gen [ kWe ]		
6N165L-UW	441 (600)	400		
6N165L-SW	485 (660)	450		
6N165L-EW	530 (720)	480		

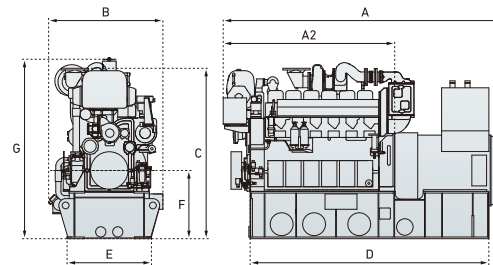
Above generator capacity will vary according to actual generator efficiency.

• 900min<sup>-1</sup>: for HFD Application Only.

• 1000min<sup>-1</sup>: for MDD Application Only.

## Dimensions [ mm ] / Weights [ kg ]

Engine Model	A	A2	B	C	D	E	F	G	Dry Weight	
									Engine	Gen.Set
									6N165L-UW 353/441kW	3182
6N165L-SW 353kW	3332	2012	1557	1999	2800	990	800	2105	4100	7160
6N165L-SW 397/485kW	3332	2012	1341	1999	2800	990	800	2105	4100	7160
6N165L-EW 397kW	3332	2012	1557	1999	2800	990	800	2105	4100	7160
6N165L-EW 441/530kW	3332	2012	1341	1999	2800	990	800	2105	4100	7160



G : Minimum Height for Removing Piston

# 6EY18(A)LW

Generator Capacity 360~750kWe

## Main Data

- Type : 4-stroke, Diesel
- No. of Cylinders : In-line 6
- Cylinder Bore : 180mm
- Piston Stroke : 280mm
- Engine Speed : 720 / 750, 900 / 1000 min<sup>-1</sup>
- Mean Effective Pressure : 1.28-2.50MPa
- Piston Speed : 6.7 / 7.0 / 8.4 / 9.3m/s

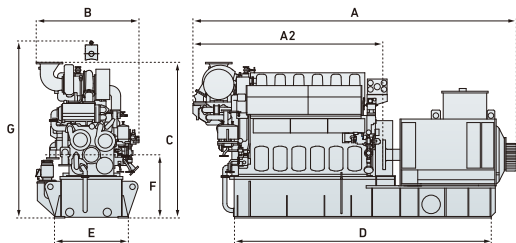
## Rated Output

Engine Model	60Hz		50Hz	
	720min <sup>-1</sup>		750min <sup>-1</sup>	
	Eng [ kW (PS) ]	Gen [ kWe ]	Eng [ kW (PS) ]	Gen [ kWe ]
<b>6EY18LW</b>	400 (544)	360	400 (544)	360
	450 (612)	400	450 (612)	400
	500 (680)	450	500 (680)	450
	550 (748)	500	550 (748)	500
	615 (836)	560	615 (836)	560
6EY18ALW	900min <sup>-1</sup>		1000min <sup>-1</sup>	
	Eng [ kW (PS) ]	Gen [ kWe ]	Eng [ kW (PS) ]	Gen [ kWe ]
	455 (619)	400	455 (619)	400
500 (680)	450	500 (680)	450	
550 (748)	500	550 (748)	500	
615 (836)	560	615 (836)	560	
660 (897)	600	660 (897)	600	
680 (925)	620	680 (925)	620	
745 (1013)	680	745 (1013)	680	
800 (1088)	750	800 (1088)	750	

Above generator capacity will vary according to actual generator efficiency.

## Dimensions [ mm ] / Weights [ kg ]

Engine Model		A	A2	B	C	D	E	F	G	Dry Weight	
										Engine	Gen.Set
<b>6EY18LW</b>	400~615kW	4441	2751	1493	2255	3620	1070	915	2564	6600	11200
<b>6EY18ALW</b>	455~615kW	4391	2751	1489	2255	3620	1070	915	2564	6600	11200
	660~800kW	4680	2751	1489	2255	3720	1070	915	2564	6600	12100



G : Minimum Height for Removing Piston

# 6EY21ALW

Generator Capacity 800~940kWe

## Main Data

- Type : 4-stroke, Diesel
- No. of Cylinders : In-line 6
- Cylinder Bore : 210mm
- Piston Stroke : 290mm
- Engine Speed : 900min<sup>-1</sup>
- Mean Effective Pressure : 1.948-2.257MPa
- Piston Speed : 8.70m/s

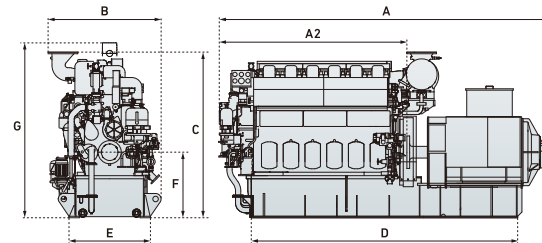
## Rated Output

Engine Model	60Hz	
	900min <sup>-1</sup>	
	Eng [ kW (PS) ]	Gen [ kWe ]
<b>6EY21ALW</b>	880 (1197)	800
	970 (1319)	900
	1020 (1387)	940

Above generator capacity will vary according to actual generator efficiency.

## Dimensions [ mm ] / Weights [ kg ]

Engine Model		A	A2	B	C	D	E	F	G	Dry Weight	
										Engine	Gen.Set
<b>6EY21ALW</b>	880~1020kW	4845	2730	1618	2602	3860	1180	950	2752	8800	16000



G : Minimum Height for Removing Piston

# 6EY22(A)LW

Generator Capacity 600~1425kW

## Main Data

- Type : 4-stroke, Diesel
- No. of Cylinders : In-line 6
- Cylinder Bore : 220mm
- Piston Stroke : 320mm
- Engine Speed : 720 / 750, 900 / 1000min<sup>-1</sup>
- Mean Effective Pressure : 1.45-2.50MPa
- Piston Speed : 7.7 / 8.0 / 9.6 / 10.7m/s

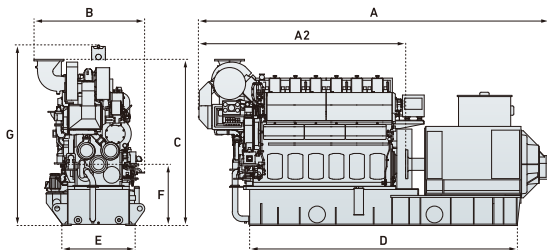
## Rated Output

Engine Model	60Hz		50Hz	
	720min <sup>-1</sup>		750min <sup>-1</sup>	
	Eng [ kW (PS) ]	Gen [ kWe ]	Eng [ kW (PS) ]	Gen [ kWe ]
6EY22LW	660 (897)	600	660 (897)	600
	745 (1013)	680	745 (1013)	680
	800 (1088)	740	800 (1088)	740
	880 (1197)	800	880 (1197)	800
	970 (1319)	900	970 (1319)	900
	1080 (1468)	1020	1080 (1468)	1020
6EY22ALW	900min <sup>-1</sup>		1000min <sup>-1</sup>	
	Eng [ kW (PS) ]	Gen [ kWe ]	Eng [ kW (PS) ]	Gen [ kWe ]
	880 (1197)	800	880 (1197)	800
970 (1319)	900	970 (1319)	900	
1020 (1387)	950	1020 (1387)	950	
1100 (1496)	1000	1100 (1496)	1000	
1180 (1604)	1100	1180 (1604)	1100	
1300 (1768)	1200	1300 (1768)	1200	
1370 (1863)	1300	1370 (1863)	1300	
1500 (2039)	1425	-	-	

Above generator capacity will vary according to actual generator efficiency.

## Dimensions [ mm ] / Weights [ kg ]

Engine Model	A	A2	B	C	D	E	F	G	Dry Weight	
									Engine	Gen.Set
6EY22LW 660~1080kW	5452	3337	1678	2630	4120	1180	985	2907	11200	18500
6EY22ALW 880~1370kW	5647	3337	1782	2675	4310	1180	985	2907	10500	18100



G : Minimum Height for Removing Piston

# 6EY26LW

Generator Capacity 1300~1720kW

## Main Data

- Type : 4-stroke, Diesel
- No. of Cylinders : In-line 6
- Cylinder Bore : 260mm
- Piston Stroke : 385mm
- Engine Speed : 720 / 750min<sup>-1</sup>
- Mean Effective Pressure : 1.83-2.50MPa
- Piston Speed : 9.2 / 9.6m/s

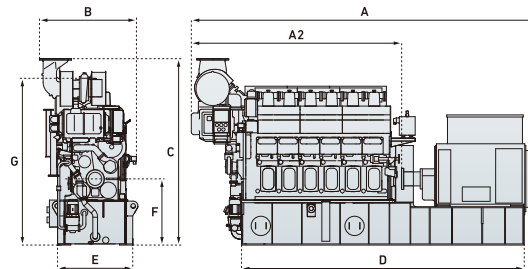
## Rated Output

Engine Model	60Hz		50Hz	
	720min <sup>-1</sup>		750min <sup>-1</sup>	
	Eng [ kW (PS) ]	Gen [ kWe ]	Eng [ kW (PS) ]	Gen [ kWe ]
6EY26LW	1400 (1903)	1300	1400 (1903)	1300
	1620 (2203)	1500	1620 (2203)	1500
	1730 (2352)	1600	1730 (2352)	1600
	1840 (2502)	1720	1840 (2502)	1720

Above generator capacity will vary according to actual generator efficiency.

## Dimensions [ mm ] / Weights [ kg ]

Engine Model	A	A2	B	C	D	E	F	G	Dry Weight	
									Engine	Gen.Set
6EY26LW 1400~1620kW	6474	3974	1847	3520	5270	1420	1250	3150	18500	29800
	1730~1840kW	6774	3974	1847	3520	5270	1420	1250	3150	18500



G : Minimum Height for Removing Piston

# 8EY26LW

Generator Capacity 1800~2300kWe

## Main Data

- Type : 4-stroke, Diesel
- No. of Cylinders : In-line 8
- Cylinder Bore : 260mm
- Piston Stroke : 385mm
- Engine Speed : 720 / 750min<sup>-1</sup>
- Mean Effective Pressure : 1.86-2.50MPa
- Piston Speed : 9.2 / 9.6m/s

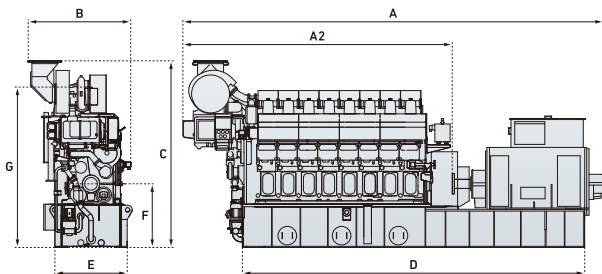
## Rated Output

Engine Model	60Hz		50Hz	
	720min <sup>-1</sup>		750min <sup>-1</sup>	
	Eng [ kW (PS) ]	Gen [ kWe ]	Eng [ kW (PS) ]	Gen [ kWe ]
<b>8EY26LW</b>	1900 (2583)	1800	1900 (2583)	1800
	2030 (2760)	1900	2030 (2760)	1900
	2130 (2896)	2000	2130 (2896)	2000
	2245 (3052)	2100	2245 (3052)	2100
	2450 (3331)	2300	2450 (3331)	2300

Above generator capacity will vary according to actual generator efficiency.

## Dimensions [ mm ] / Weights [ kg ]

Engine Model		A	A2	B	C	D	E	F	G	Dry Weight	
										Engine	Gen.Set
										<b>8EY26LW</b>	1900~2130kW
	2245kW	8358	5290	2030	3665	6800	1420	1250	3150	24500	40200
	2450kW	8418	5290	2030	3665	6840	1420	1250	3150	24500	45000



G : Minimum Height for Removing Piston

# 6EY33LW

Generator Capacity 2550~3400kWe

## Main Data

- Type : 4-stroke, Diesel
- No. of Cylinders : In-line 6
- Cylinder Bore : 330mm
- Piston Stroke : 440mm
- Engine Speed : 720 / 750min<sup>-1</sup>
- Mean Effective Pressure : 1.77-2.66MPa
- Piston Speed : 10.56 / 11.00m/s

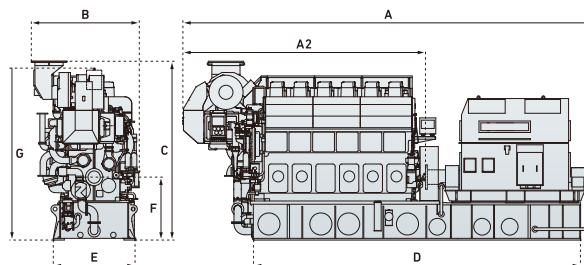
## Rated Output

Engine Model	60Hz		50Hz	
	720min <sup>-1</sup>		750min <sup>-1</sup>	
	Eng [ kW (PS) ]	Gen [ kWe ]	Eng [ kW (PS) ]	Gen [ kWe ]
<b>6EY33LW</b>	2750 (3739)	2550	2750 (3739)	2550
	3000 (4079)	2800	3000 (4079)	2800
	3360 (4568)	3200	3360 (4568)	3200
	3600 (4895)	3450	3600 (4895)	3450

Above generator capacity will vary according to actual generator efficiency.

## Dimensions [ mm ] / Weights [ kg ]

Engine Model		A	A2	B	C	D	E	F	G	Dry Weight	
										Engine	Gen.Set
										<b>6EY33LW</b>	2400~3600kW



G : Minimum Height for Removing Piston

# 8EY33LW

Generator Capacity 3750~4600kWe

## Main Data

- Type : 4-stroke, Diesel
- No. of Cylinders : In-line 8
- Cylinder Bore : 330mm
- Piston Stroke : 440mm
- Engine Speed : 720 / 750min<sup>-1</sup>
- Mean Effective Pressure : 2.21-2.66MPa
- Piston Speed : 10.56 / 11.00m/s

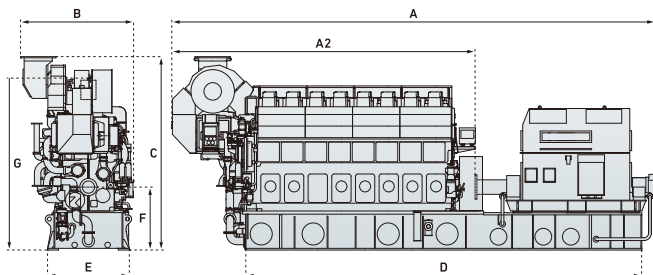
## Rated Output

Engine Model	60Hz		50Hz	
	720min <sup>-1</sup>		750min <sup>-1</sup>	
	Eng [ kW (PS) ]	Gen [ kWe ]	Eng [ kW (PS) ]	Gen [ kWe ]
<b>8EY33LW</b>	4000 (5438)	3800	4000 (5438)	3800
	4500 (6118)	4300	4500 (6118)	4300
	4800 (6526)	4600	4800 (6526)	4600

Above generator capacity will vary according to actual generator efficiency.

## Dimensions [ mm ] / Weights [ kg ]

Engine Model		A	A2	B	C	D	E	F	G	Dry Weight	
										Engine	Gen.Set
<b>8EY33LW</b>	4000~4800kW	10640	6655	2555	4470	7950	1780	1620	3992	50900	90200



G : Minimum Height for Removing Piston

# 4HAL2

Generator Capacity 64~120kWe

## Main Data

- Type : 4-stroke, Diesel
- No. of Cylinders : In-line 4
- Cylinder Bore : 130mm
- Piston Stroke : 165mm
- Engine Speed : 1200 / 1500 / 1800min<sup>-1</sup>
- Mean Effective Pressure : 0.81-1.05MPa
- Piston Speed : 6.6 / 8.3 / 9.9m/s

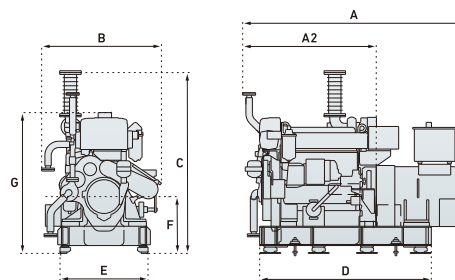
## Rated Output

Engine Model	60Hz		50Hz	
	1200min <sup>-1</sup>		1500min <sup>-1</sup>	
	Eng [ kW (PS) ]	Gen [ kWe ]	Eng [ kW (PS) ]	Gen [ kWe ]
<b>4HAL2-TN1</b>	72 (98)	64	89 (121)	80
<b>4HAL2-TN</b>	90 (122)	80	115 (156)	100
<b>4HAL2-WT</b>	-	-	-	-
	1800min <sup>-1</sup>			
	Eng [ kW (PS) ]	Gen [ kWe ]		
<b>4HAL2-TN1</b>	116 (157)	104		
<b>4HAL2-TN</b>	-	-		
<b>4HAL2-WT</b>	135 (183)	120		

Above generator capacity will vary according to actual generator efficiency.

## Dimensions [ mm ] / Weights [ kg ]

Engine Model		A	A2	B	C	D	E	F	G	Dry Weight	
										Engine	Gen.Set
<b>4HAL2-TN1</b>	72~116kW	2070	1245	1117	1685	1600	820	529	1312	1030	1855
<b>4HAL2-TN</b>	90~115kW	2070	1245	1117	1685	1600	820	529	1312	1030	1855
<b>4HAL2-WT</b>	135kW	2070	1245	1117	1685	1600	820	529	1312	1030	1855



G : Minimum Height for Removing Piston

# 6HAL2

Generator Capacity **80~280kW**

## Main Data

- Type : 4-stroke, Diesel
- No. of Cylinders : In-line 6
- Cylinder Bore : 130mm
- Piston Stroke : 165mm
- Engine Speed : 1200 / 1500 / 1800min<sup>-1</sup>
- Mean Effective Pressure : 0.68-1.55MPa
- Piston Speed : 6.6 / 8.3 / 9.9m/s

## Rated Output

Engine Model	60Hz		50Hz	
	1200min <sup>-1</sup>		1500min <sup>-1</sup>	
	Eng [ kW (PS) ]	Gen [ kW ]	Eng [ kW (PS) ]	Gen [ kW ]
<b>6HAL2-N</b>	90 (122)	80	115 (156)	100
<b>6HAL2-TN</b>	120 (163)	104	-	-
<b>6HAL2-WT</b>	-	-	150 (204)	136
<b>6HAL2-WHT</b>	160 (217)	144	220 (299)	200
<b>6HAL2-WDT</b>	200 (271)	180	255 (346)	232

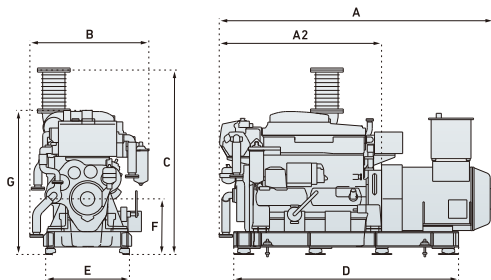
  

Engine Model	1800min <sup>-1</sup>	
	Eng [ kW (PS) ]	Gen [ kW ]
<b>6HAL2-N</b>	-	-
<b>6HAL2-TN</b>	-	-
<b>6HAL2-WT</b>	180 (244)	160
<b>6HAL2-WHT</b>	265 (360)	240
<b>6HAL2-WDT</b>	305 (414)	280

Above generator capacity will vary according to actual generator efficiency.

## Dimensions [ mm ] / Weights [ kg ]

Engine Model		A	A2	B	C	D	E	F	G	Dry Weight	
										Engine	Gen.Set
<b>6HAL2-N</b>	90~115kW	2499	1589	1164	1654	2100	820	544	1327	1380	2360
<b>6HAL2-TN</b>	120kW	2499	1589	1164	1774	2100	820	544	1327	1422	2410
<b>6HAL2-WT</b>	150~180kW	2499	1589	1164	1774	2100	820	544	1327	1422	2410
<b>6HAL2-WHT</b>	160~265kW	2574	1589	1164	1804	2200	820	544	1327	1437	2750
<b>6HAL2-WDT</b>	200~305kW	2684	1589	1164	1804	2200	820	544	1327	1447	2850



G : Minimum Height for Removing Piston

# 6AYL

Generator Capacity **320~450kW** [ IMO TierⅢ ]

## Main Data

- Type : 4-stroke, Diesel
- No. of Cylinders : In-line 6
- Cylinder Bore : 155mm
- Piston Stroke : 180mm
- Engine Speed : 1500 / 1800min<sup>-1</sup>
- Mean Effective Pressure : 1.15-1.72MPa
- Piston Speed : 9.0 / 10.8m/s

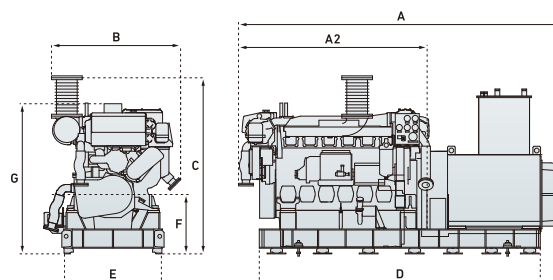
## Rated Output

Engine Model	60Hz		50Hz	
	1800min <sup>-1</sup>		1500min <sup>-1</sup>	
	Eng [ kW (PS) ]	Gen [ kW ]	Eng [ kW (PS) ]	Gen [ kW ]
<b>6AYL-WST</b>	353 (480)	320	-	-
<b>6AYL-WET</b>	491 (668)	450	438 (596)	400

Above generator capacity will vary according to actual generator efficiency.

## Dimensions [ mm ] / Weights [ kg ]

Engine Model		A	A2	B	C	D	E	F	G	Dry Weight	
										Engine	Gen.Set
<b>6AYL-WST</b>	353kW	2970	1860	1445	1836	2540	1030	619	1565	2475	4600
<b>6AYL-WET</b>	438~491kW	3040	1860	1445	1836	2600	1030	619	1565	2475	4750



G : Minimum Height for Removing Piston



# 12AYL-WET

Generator Capacity **880~1000kWe** [ IMO Tier III ]

## Main Data

- Type : 4-stroke, Diesel
- No. of Cylinders : V-type 12
- Cylinder Bore : 155mm
- Piston Stroke : 180mm
- Engine Speed : 1500 / 1800min<sup>-1</sup>
- Mean Effective Pressure : 1.76-1.867MPa
- Piston Speed : 9.0 / 10.8m/s

## Rated Output

Engine Model	60Hz		50Hz	
	1800min <sup>-1</sup>		750min <sup>-1</sup>	
	Eng [ kW (PS) ]	Gen [ kWe ]	Eng [ kW (PS) ]	Gen [ kWe ]
<b>12AYL-WET</b>	1073 (1459)	1000	950 (1292)	880

Above generator capacity will vary according to actual generator efficiency.

## Dimensions [ mm ] / Weights [ kg ]

Engine Model		A	A2	B	C	D	E	F	G	Dry Weight	
										Engine	Gen.Set
<b>12AYL-WET</b>	950kW	4155.2	2647.4	1655	2016	3600	1867	865.5	995	4950	9300
	1073kW	4155.2	2647.4	1655	2016	3600	1867	865.5	995	4950	9300

# 6HAL2-H

Generator Capacity **100~250kWe**

## Main Data

- Type : 4-stroke, Diesel
- No. of Cylinders : In-line 6
- Cylinder Bore : 130mm
- Piston Stroke : 165mm
- Engine Speed : 1500 / 1800min<sup>-1</sup>
- Mean Effective Pressure : 1.77-2.66MPa
- Piston Speed : 10.56 / 11.00m/s

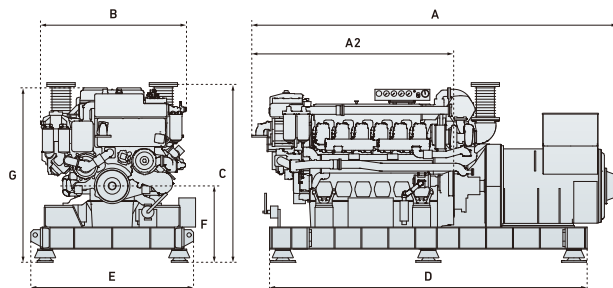
## Rated Output

Engine Model	60Hz		50Hz	
	1800min <sup>-1</sup>		1500min <sup>-1</sup>	
	Eng [ kW (PS) ]	Gen [ kWe ]	Eng [ kW (PS) ]	Gen [ kWe ]
<b>6HAL2-H</b>	125 (174)	112 (140)	115 (156)	100 (125)
<b>6HAL2-TH</b>	202 (275)	180 (225)	150 (204)	132 (165)
<b>6HAL2-HTH</b>	245 (333)	220 (275)	202 (275)	180 (225)
<b>6HAL2-DTH</b>	278 (378)	250 (312.5)	245 (333)	220 (275)

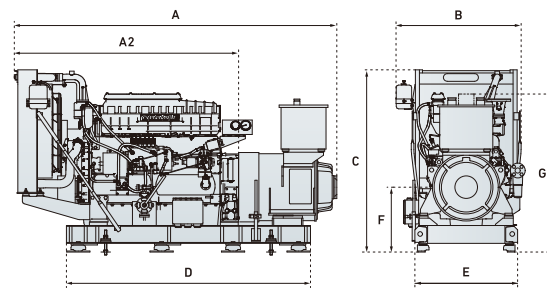
Above generator capacity will vary according to actual generator efficiency.

## Dimensions [ mm ] / Weights [ kg ]

Engine Model		A	A2	B	C	D	E	F	G	Dry Weight	
										Engine	Gen.Set
<b>6HAL2-H</b>	115kW	2709	1884	1085	1684	2050	810	544	1327	1335	2270
	128kW	2709	1884	1085	1684	2050	810	544	1327	1335	2270
<b>6HAL2-TH</b>	150kW	2819	1884	1096	1782	2100	810	544	1327	1370	2550
	202kW	2819	1884	1096	1782	2100	810	544	1327	1370	2550
<b>6HAL2-HTH</b>	202kW	2868.5	1884	1168	1812	2161.5	810	544	1327	1470	2950
	245kW	2868.5	1884	1168	1812	2161.5	810	544	1327	1470	2950
<b>6HAL2-DTH</b>	245kW	2978.5	1884	1168	1812	2161.5	810	544	1327	1470	2950
	278kW	2978.5	1884	1168	1812	2161.5	810	544	1327	1470	2950



G : Minimum Height for Removing Piston



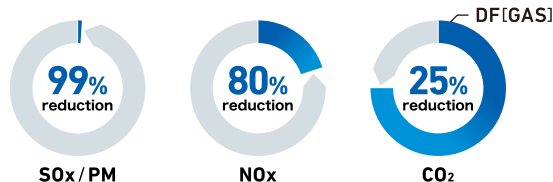
G : Minimum Height for Removing Piston

# Marine dual fuel engine



## Comply with environmental regulations by using both diesel and gas fuels.

The use of natural gas is now attracting attention within the marine engine sector, both as a means of addressing fluctuating fuel costs, and as a way of reducing the burden on the environment. Basing on our reliable engines that will improve life cycle value for our customers, YANMAR have developed a dual fuel engine that can use both diesel and gas, which complies with IMO NOx Tier III regulations as well as SOx Emission Control Area.



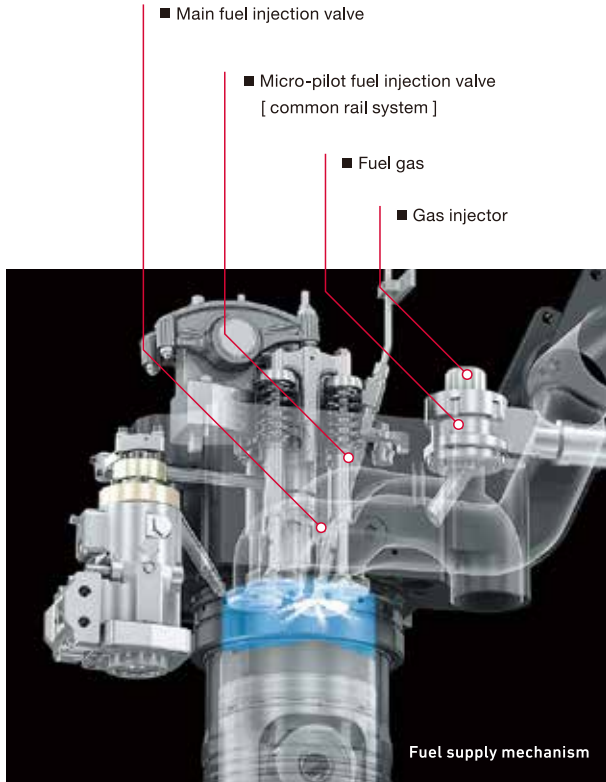
\* Where diesel is 100

### ■ Propulsion & Auxiliary Engines

Engine Model	6EY22DF	6EY26DF	8EY26DF	6EY35DF	8EY35DF
Method of ignition	Micro-pilot fuel compression				
No. of cylinders	6	6	8	6	8
Cylinder bore x stroke [ mm ]	220x320	260x385		350x440	
Displacement [ L ]	73.0	122.6	163.5	254.0	338.7
Engine speed [ min <sup>-1</sup> ]	900	720 / 750			
Output [ Shaft ] [ kW ]	1100	1533	1960	3060	4080
Mean effective pressure [ Mpa ]	2.01	2.00	1.92 / 2.00	2.01	

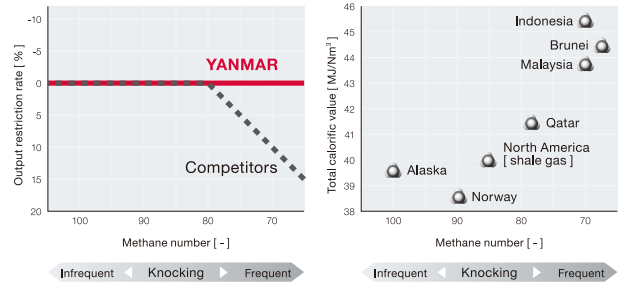
\* Specifications are subject to change without prior notification.

- **YANMAR's unique system delivers superior engine performance.**



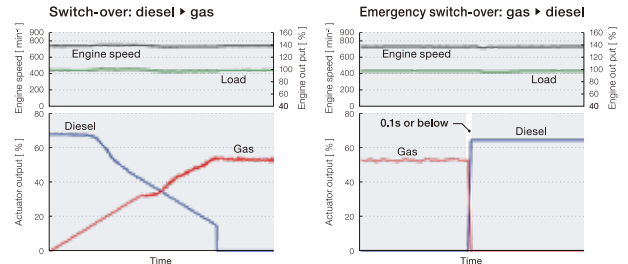
- **Can operate with natural gas in any region**

Through real-time analysis of cylinder internal pressure together with high-speed control, this system avoids abnormal combustion (knocking) even when running on natural gases with a low methane number. Offering superior combustion stability, this engine can operate with natural gas in any region and with no output restrictions.

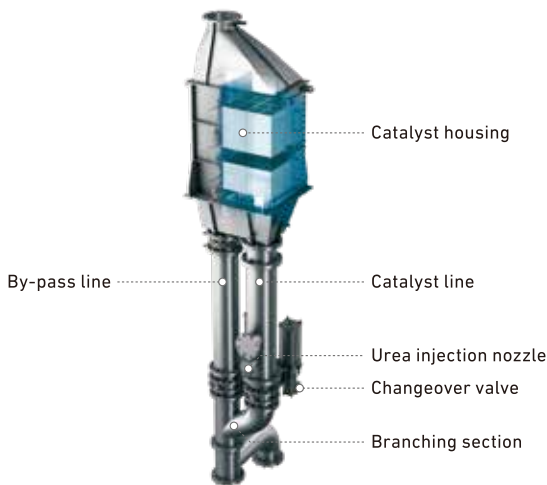


- **Switch fuels even at 100% output**

Freely select which fuel to use. The system makes it possible to switch from diesel mode to gas mode during navigation, with no output restrictions. Furthermore, during emergencies the system can shift safely and instantaneously from gas mode back to diesel mode.



## SCR system



### SCR system developed in-house by YANMAR to meet to IMO Tier III

YANMAR has developed SCR system that meets to IMO Tier III regulations, which require an 80%, i.e. big reduction in NOx compared with Tier I. Making use of our original technology and wealth of experience, we have created a system whose design and functionality are optimized for marine vessels, and which is perfectly matched for use with diesel engines, both in ECA and non-ECA waters. In addition, repeated verification tests have been conducted on ocean-going vessels ( equipped with SCR system for 3 auxiliary engines ) to further improve the system.

- Maintaining highly NOx reduction performance whilst ensuring safety.

The by-pass branching section and catalytic reactor have been integrated into a single unit, achieving high-performance NOx reduction. Engines equipped with our SCR system is obtained NOx certification ( Scheme A ), whilst maintaining performance onboard. Additionally, a urea injection nozzle is installed downstream from the branching section, preventing ammonia from leaking into the by-pass line.

- Long lifetime of catalyst.

Catalyst degradation occurs due to the flow of small amounts of exhaust gas into the catalyst line when the by-pass is in operation. Specification not to flow the exhaust gas realizes longer lifetime of catalyst.

	Standard spec.	Optional spec. 1	Optional spec. 2
Changeover valve installed to catalytic reactor outlet	—	○ *1	—
Purge air	Req'd	Not req'd	Not req'd
Blower fan unit	—	—	○ *2

\*1 Overall height of catalytic reactor outlet becomes higher than standard.

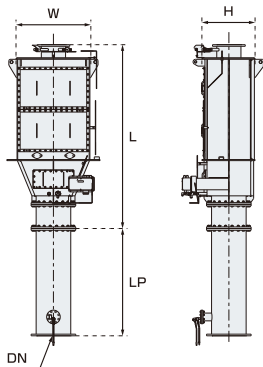
\*2 To be installed on hull side : 2019-

- Automatic control for multiple engines.

Control unit integrates all devices including catalytic reactors mounted to each individual engine. A single pump unit and control panel can manage system for multiple engines, allowing the system to remain compact.

## ■ Outline of Catalytic reactor

For propulsion engine

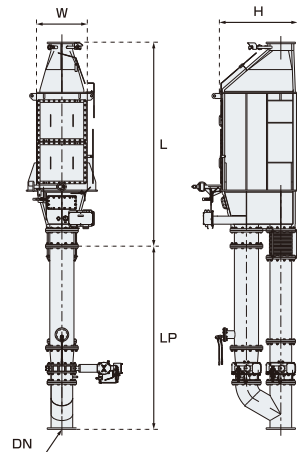


## ■ Dimension's for propulsion engine

SCR model	Catalytic reactor dimension (mm)			Exhaust pipe dimension (mm)			Engine model	Power (kW)
	H	W	L	DN-in	DN-out	LP		
<b>Y22SCR-AM</b>	782	1100	2702	500A	350A	1577	<b>6EY22AWS</b>	885~1370
<b>Y26SCR-6M</b>	1115	1524	2940	650A	450A	1237	<b>6EY26WS</b>	1330~1920
<b>Y26SCR-8M</b>	1425	1425	3123	700A	500A	1677	<b>8EY26WS</b>	2060~2560
<b>Y33SCR-6M</b>	1444	1749	3147	850A	600A	1567	<b>6EY33WS</b>	2500~3360

\*Feel free to contact for detailed informations on dimensions, etc.

For auxiliary engine

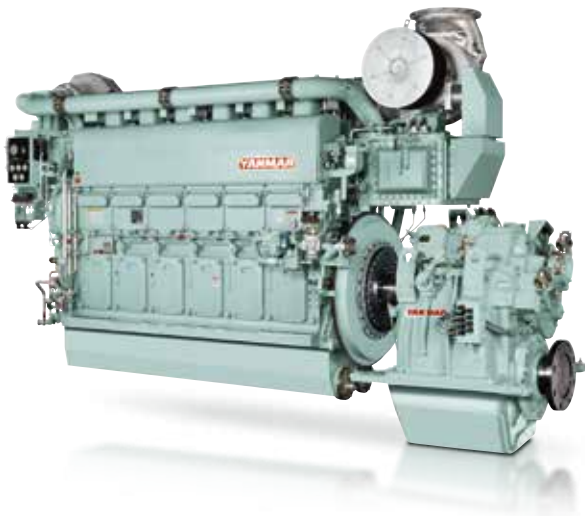


## ■ Dimension's for auxiliary engine

SCR model	Catalytic reactor dimension (mm)			Exhaust pipe dimension (mm)			Engine model	Power (kW)
	H	W	L	DN-in	DN-out	LP		
<b>Y155SCR-L</b>	1148	747	2698	250A	300A	2042	<b>6AYL-WST</b>	438,491
<b>Y16SCR-L</b>	1078	747	2624	250A	250A	1850	<b>6NY16LWS</b>	353~441
<b>Y165SCR-L</b>	1148	747	2698	300A	300A	2092	<b>6N165LWS</b>	485
	1148	747	2848	300A	300A	2092		530
<b>Y18SCR-(A)L</b>	1148	747	2848	300A	300A	2692	<b>6EY18(A)LWS</b>	400~615
	1148	747	2998	300A	300A	2692		660~800
<b>Y21SCR-AL</b>	1325	1100	3116	350A	400A	2966	<b>6EY21ALWS</b>	880~1020
	1325	1100	3116	400A	400A	3256		660~1100
<b>Y22SCR-(A)L</b>	1485	1100	3116	400A	400A	3257	<b>6EY22(A)LWS</b>	1180~1370
	1485	1100	3116	400A	500A	3258		1500
<b>Y26SCR-6L</b>	1685	1425	3900	500A	500A	3883	<b>6EY26LWS</b>	1400~1840
<b>Y26SCR-8L</b>	1924	1425	3971	550A	600A	3967	<b>8EY26LWS</b>	1900~2425
<b>Y33SCR-6L</b>	2135	1750	4198	650A	650A	4526	<b>6EY33LWS</b>	2750~3600

\*Feel free to contact for detailed informations on dimensions, etc.

## 2-stage turbocharging system

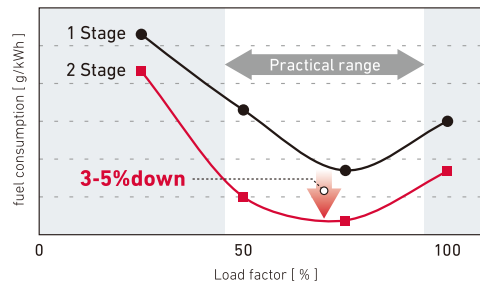


### Ultra low fuel consumption of 4-stroke medium speed diesel engine.

YANMAR has always pursued low fuel consumption as its corporate creed "Fuel reward to Nation" since foundation. This time, we developed the "2-stage turbocharging system" compliant with IMO secondary regulation, further evolving the engine, achieving fuel economy far superior to the conventional engine.

### • Evolution of high pressure Miller cycle system

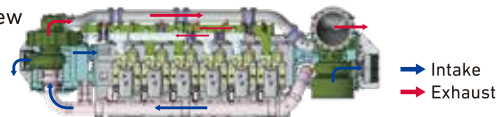
We acquired the air by using the "2 stage turbocharging system" in spite of advanced closing timing of suction valve to compare with "1 stage turbocharging system". As a result, we could achieve the low fuel consumption in wide load.



### • Simple system

It is easy to maintain the system, because it is simple system that two turbochargers and two air coolers are only connected by suction air pipes and exhaust pipe.

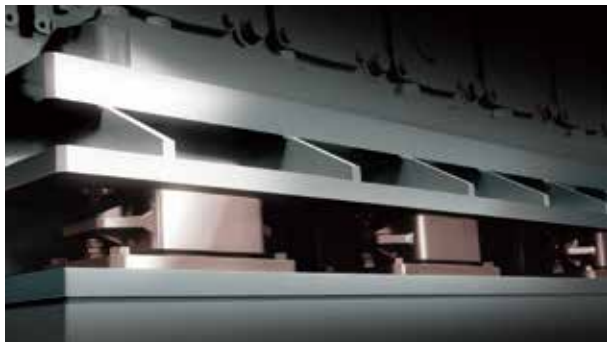
© Top view



### • Unchanged mountability and Good acceleration

We arranged turbocharger & air-cooler unit on both sides of the engine. By this structure, we could achieve the equivalent mountability as the base engine by keeping the height of engine. This engine has good acceleration at low load by adapting dynamic pressure type exhaust manifold.

## Marine spring vibration isolating system



### Latest system to help comfort and reduce maintenance

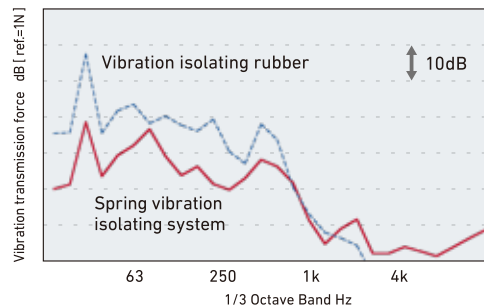
In YANMAR, utilizing the technology accumulated over many years in vibration isolating rubber for marine engines and metal spring vibration isolating system for land engines, we have developed a marine metal spring isolation system with support of Japan Railway Construction, Transport and Technology Agency. It realizes more excellent vibration proofing effect and maintenance-free than rubber. And it helps comfortable shipboard environment and low cost.

Ministry of Land, Infrastructure, Transport and Tourism approval  
Acquisition of certificate by Nippon Kaiji Kyokai Association

### • Reduce vibration noise inside ship

The vibration noise mainly in the low frequency band was difficult to reduce until now. However, we can drastically reduce it by the metal spring with high quality vibration damping performance. We will contribute to further improvement of the shipboard environment.

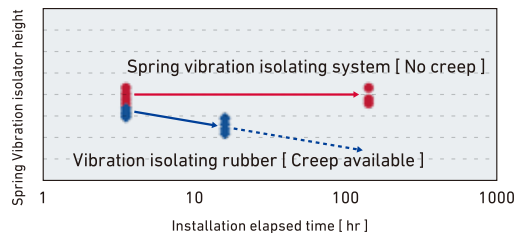
© Isolation performance



### • Maintenance-free

There is no creep phenomenon in the metallic spring vibration isolating system, so it is almost unnecessary to replace and maintenance, and contributes to cost reduction.

© Creep characteristics



# YANMAR SHIPSWEB

Stay Connected , Any Time , Any Where



## Achieving efficient and advanced engine maintenance management

YANMAR SHIPSWEB achieves preventive maintenance by appropriately supporting our customers in various engine usage scenarios with inherent risks.

### ● Approach to the Basis of Safe Navigation

With many devices being electrically controlled, a stable power supply is a ship's lifeline. Once a trouble occurred, it may cause critical damage to your management. The stable operation of the generator engine is basis for safe navigation.

### ● Engine Analysis

It is equipped with various functions that support user recognition, judgment, and operation, and contribute to reducing accident risk and cost.



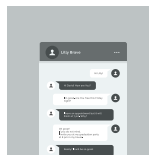
### Engine Analysis

You can refer to the engine operation data registered by the crew as the engine analysis report. This helps you understanding engine condition and planning proper maintenance.



### Yanmar Recommended Parts List

You can view the list of parts necessary for maintenance replacement criteria, reasons for replacement, and prices. This will help you select the correct parts easily, allowing for efficient maintenance.



### 3D Guide, Maintenance Manuals

You can easily check operations of engines or parts arrangement from various angles. It reduces the risk of problems at the time of regular crew rotation or during maintenance.



# TECHNICAL TRAINING SCHOOL



## What is T.T.SCHOOL ?

The mission of Technical Training School (TTS) is helping customers use Yanmar's products safely and efficiently. For this purpose, we have developed an environment to accept trainees from beginners to experienced engineers, and those in various types of occupations from countries around the world.

As a result, we are operating five schools in Japan and overseas-the Amagasaki Plant, the Tsukaguchi Plant, Dalian in China, Clark in the Philippines and Mumbai in India. The total number of trainees for the five schools has been around 800 per year. We will continue to broaden the curriculum at TTS so as to respond to customer needs.



## 1 Japan [Amagasaki] School

Training engine:  
6EY18AL



## 2 Philippines [Clark] School

Training engine:  
6EY22ALW



## 3 China [Dalian] School

Training engine:  
6N18L



## 4 India [Mumbai] School

Training engine:  
6N21AL



## 5 Japan [Tsukaguchi] School

Training engine:  
6CHL2  
6HAL2



# POWER SOLUTION BUSINESS AMAGASAKI FACTORY

Amagasaki factory started in 1936 as world's first factory to produce small sized diesel engines. Today, the factory mass produces large-sized diesel engines for marine and generator use, and also produces diesel and gas engines for land use and general power source. From 1983, the factory also produces gas turbines, and continues to produce high quality products ever since.



## • Internationally Certified Quality Control and Environmental Response

In July 1992, Power Solution Business was certified under ISO 9001 by a certification authority in England, Lloyd's Register Quality Assurance Limited (LRQA). Responding swiftly to environmental issues, in June 1996 Amagasaki factory became one of the first land-use and marine diesel engine manufacturing facilities to be ISO 14001 certified. Furthermore, YANMAR instantaneously attained the International Maritime Organization (IMO) Tier II and III certification for the regulation of NOx emission levels. YANMAR maintains an internationally acclaimed reputation for leading edge technology that has environmental conservation at its forefront.

## • Certified by various ship classification societies

The Amagasaki factory has been certified by the world's 9 major ship classification societies. Its voluntary inspection program was certified by the 9 ship classification societies for the first time in the world.



Certifications of 9 major shipping classification societies.

**NK** : Nippon Kaiji Kyokai

**ABS** : American Bureau of Shipping

**LR** : Lloyd's Register of Shipping

**DNVGL** : Det Norske Veritas

**RINA** : Registro Italiano Navale

**BV** : Bureau Veritas

**KR** : Korean Register of Shipping

**CCS** : China Classification Society

**IRS** : Indian Register of Shipping

# WORLDWIDE SERVICE NETWORK



## HEAD OFFICE / PLANT

## JAPAN COUNTRY CODE \* 81 \*

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530-8311, Japan  
WEB: yanmar.com

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Hyogo, 660-8585, Japan

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FAX: 6-6489-1082

#### ● SALES DIVISION3 OVERSEAS SALES GROUP

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FAX: 6-6489-1082

### ● QUALITY ASSURANCE DIVISION.

TEL: 6-6489-8017  
FAX: 6-6489-4009

### ● YANMAR ENGINEERING CO., LTD.

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WEB: www.yanmar.co.jp/ye/

#### ● OVERSEAS ENGINEERING DIVISION.

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WEB: www.nicoverken.nl

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FAX: 10-429-5227

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WEB: www.garantservice.lt

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812-680-1713  
FAX: 812-680-1702  
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WEB: www.elit-engine.ru

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**GOLTENS CO. LTD. DUBAI BRANCH**

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FAX: 84-314555

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FAX: 21-384-8995

**YANMAR INDONESIA SERVICE CENTER ( SAMARINDA )**

C/O PT PIONEER  
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Kec Samarinda, Kota Samarinda,  
Kalimantan Timur 75242, Indonesia

**YANMAR INDONESIA SERVICE CENTER ( BATAM )**

C/O PT PIONEER  
Ruko Mahkota Raya Blok B No.3A  
RT. 000 RW. 000,  
Teluk Tering Batam Kota,  
Kota Batam Kepulauan Riau 29461

**P.T. PIONEER**

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FAX: 21-384-8995

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Phrapradaeng,  
Samutprakarn, Thailand 10130  
TEL: 2-816-8001  
FAX: 2-463-2616  
E-MAIL: info@starmarine.co.th

**BANGLADESH** COUNTRY CODE " 880 "**TSI LIMITED**

Makkah Madinah Trade Centre ( 15th Floor ), 78 , Agrabad C/A ,  
Chittagong, Bangladesh  
TEL: 31726846-50  
CELL:1749920286  
E-MAIL: tsimarinelt@gmail.com

**MYANMAR** COUNTRY CODE " 95 "**HAWTHORN ENGINEERING & SERVICES CO.,LTD**

No.45, Damayarzar 1st Street,  
10th Quarter, South Okkalarpa  
Township, Yangon, Myanmar.  
TEL: +95 9 799 575356  
E-MAIL: cmn.hawthorn@gmail.com  
WEB: www.watana.org/

## MALDIVES COUNTRY CODE \* 960 \*

- **MALDIVES TRANSPORT & CONTRACTING COMPANY (PLC)LTD.**  
181 Boduthakurufaanu Magu,  
4th Floor MTCC, MTCC Building, Male  
TEL: 332-6822  
E-MAIL: info@mtcc.com.mv  
WEB: mtcc.mv/

## VIETNAM COUNTRY CODE \* 84 \*

- **YANMAR ASIA (SINGAPORE) CORPORATION PTE LTD REPRESENTATIVE OFFICE IN HO CHI MINH**  
S10-S11, Ba Vi, Ward 15, District 10  
Ho Chi Minh city, Vietnam  
TEL: (+84-28) 3970 7979  
FAX: (+84-28) 3970 8899
- **HAI PHONG TRADING AND ENGINEERING SERVICES COMPANY LIMITED ( HATESCO )**  
Nam Hoa Hamlet -  
An Hung Village - An Duong District -  
Hai Phong City, Vietnam  
TEL: 31-3504-117  
E-MAIL: hatesco@gmail.com
- **TAN KY SHIP REPAIR COMPANY LIMITED**  
324 Tran Hung Dao Str., Dong Hai 2 Ward,  
Hai An Dist., Hai Phong City, Vietnam  
TEL: (225) 3-629 618  
FAX: (255) 3-629 618
- **NHA BE SHIP BUILDING AND REPAIR JSC**  
No.16/18B Bui Van Ba Str.,  
Tan Thuan Dong Ward,  
Dist.7, Ho Chi Minh City, Vietnam  
TEL: (28) 3872 0384 / 3872 4576  
FAX: (28) 3872 4576

## PHILIPPINES COUNTRY CODE \* 63 \*

- **YANMAR ASIA (SINGAPORE) CORPORATION PTE LTD PHILIPPINES BRANCH**  
Bldg.3, Berthaphil II South,  
Bayanihan St. Clark Freeport Zone,  
2023 Pampanga Philippines.  
TEL:+63-45-4991541/42
  - **SEAPOWERS TRADING & INDUSTRIAL SERVICES**  
316-A Mamatid Cabuyao,  
Laguna, Philippines  
TEL: 917-500-3017  
FAX: 49-502-0765  
E-MAIL: seapowers@pldttdsl.net
  - **POLESTAR TECHNICAL SERVICES INC.**  
1st Flr. 2-C, 101 General Aviation Road,  
Basak, Lapu-Lapu City, Cebu,  
6015 Philippines  
E-MAIL: pts@polestarmarine.sg
- ## PHILIPPINES COUNTRY CODE \* 63 \*
- **YANMAR ASIA (SINGAPORE) CORPORATION PTE LTD PHILIPPINES BRANCH**  
Bldg.3, Berthaphil II South,  
Bayanihan St. Clark Freeport Zone,  
2023 Pampanga Philippines.  
TEL:+63-45-4991541/42
  - **SEAPOWERS TRADING & INDUSTRIAL SERVICES**  
316-A Mamatid Cabuyao,  
Laguna, Philippines  
TEL: 917-500-3017  
FAX: 49-502-0765  
E-MAIL: seapowers@pldttdsl.net
  - **POLESTAR TECHNICAL SERVICES INC.**  
1st Flr. 2-C, 101 General Aviation Road,  
Basak, Lapu-Lapu City, Cebu,  
6015 Philippines  
E-MAIL: pts@polestarmarine.sg

## CHINA COUNTRY CODE \* 86 \*

- **YANMAR ENGINE ( SHANGHAI ) CO., LTD.**  
1101-1106, Gopher Center Building, No.757  
Meng Zi Road, Shanghai, China 200023  
TEL: 21-2312-0688  
FAX: 21-6880-8090 / 21-6880-8682  
WEB: yanmar.com/cn/
  - **DALIAN WANFANG MARINE TECHNOLOGY CO., LTD**  
No.40 Aixian Street, Qixianling,  
Dalian High-Tech Industrial Zone,  
China  
TEL: 411-84799000  
FAX: 411-84795678  
E-MAIL: wf@china-wf.com
- ## HONG KONG COUNTRY CODE \* 852 \*
- **YANMAR ENGINEERING ( HK ) CO., LTD.**  
RoomJ, 23/F, King Palace Plaza 55  
King Yip Street Kwun Tong Kow loon  
Hong Kong  
TEL: 2833-9032  
FAX: 2904-7783
- ## TAIWAN COUNTRY CODE \* 886 \*
- **YANMAR ENGINEERING CO., LTD. TAIWAN BRANCH**  
1F., No.3, Yugang N. 2nd Rd.,  
Cianjhen Dist.,  
Kaohsiung City 80672, Taiwan  
TEL: 7-815-3156  
FAX: 7-815-3280  
E-MAIL: ye\_taiwan@yanmar.com
  - **YANMAR ENGINEERING CO., LTD. TAIWAN BRANCH TAIPEI SATELLITE OFFICE**  
R/M8, 9F, No.142, Sec3, Minquan E. Rd.,  
Songsshan Dist. Taipei City 104,  
Taiwan R.O.C.  
TEL: 2-8712-3150/3151  
FAX: 2-8712-3107  
E-MAIL: ye\_taiwan@yanmar.com

- **YEE FOO MARINE INDUSTRIAL CO., LTD.**  
6F-3, No.369 Fusing North Road,Taipei,  
Taiwan R.O.C. 105  
TEL: 2-8712-0848  
FAX: 2-8712-0797  
E-MAIL: yeefoo.tpe@msa.hinet.net
- **SEIKOH CO., LTD.**  
1F., No.3, Yugang N. 2nd Rd.,  
Cianjhen Dist.,  
Kaohsiung City 80672, Taiwan  
TEL: 7-815-3156  
FAX: 7-815-3280  
E-MAIL: seikoh.yanmar@msa.hinet.net

## KOREA COUNTRY CODE \* 82 \*

- **HWA ILL TRADING CO., LTD.**  
#93, 2-GA, Namhang Dong,  
Young Do-Ku, Busan, Korea  
TEL: 51-412-6385  
FAX: 51-414-8752  
E-MAIL: hwall@hwall.co.kr
- **PLUS ENGINEERING CO.,LTD.**  
Room 3806, Centum Leaders  
Mark B/D, 17 APEC-ro, Haeundae-gu,  
Busan, 48060, Korea  
TEL: 51-745-8201  
FAX: 51-745-8203  
E-MAIL: plusbusan@gmail.com
- **CHIBA MARINE KOREA CO., LTD.**  
21-1, Gupyeong-Ro (Gupyeong-Dong),  
Saha-Gu, Busan, 49454, Korea  
TEL: 51-418-8998  
FAX: 51-418-5880  
E-MAIL: cmk@chibamarine.kr

OCEANIA

**AUSTRALIA** COUNTRY CODE " 61 "

● **JAPAN MARINE ENGINEERING CO.,LTD**

475 Warrigal Road Moorabbin  
Victoria Australia 3189  
TEL: 3-9555-5277  
FAX: 3-9555-5344  
E-MAIL: sales@jmeaust.com.au

● **POWER EQUIPMENT PTY LTD- HEAD OFFICE**

10-12 Commercial Drive Lynbrook,  
VIC, 3975  
TEL: 3-9709-8500  
E-MAIL: info@powerequipment.com.au  
WEB: www.powerequipment.com.au/

**NEW ZEALAND** COUNTRY CODE " 64 "

● **POWER EQUIPMENT PTY LTD**

10A Vega Place, Rosedale, Auckland, 0632  
TEL: 9-358-7478  
sales@powerequipment.co.nz  
parts@powerequipment.co.nz  
service@powerequipment.co.nz  
WEB: www.powerequipment.co.nz/

NORTH AMERICA

**U.S.A.** COUNTRY CODE " 1 "

● **YANMAR AMERICA CORP.**

101 International Parkway,  
Adairsville, GA 30103, U.S.A.  
TEL: 770-877-9894  
FAX: 770-877-9009  
WEB: yanmar.com/global/

● **YANMAR AMERICA CORP Houston BRANCH**

9252 Park S View Houston, TX 77051

● **GOLTENS MIAMI CO. INC.**

2323 N.E. Miami Court - Miami,  
Florida 33137 U.S.A.  
TEL: 305-576-4410  
FAX: 305-576-3827

● **TRANSMARINE PROPULSION SYSTEM, INC**

5434 West Crenshaw Tampa,  
Florida, 33634 U.S.A.  
TEL: 813-830-9180  
FAX: 813-830-9181

● **UNITED WORLD ENTERPRISE, INC**

6310 Winfree Houston, Texas 77087 U.S.A.  
TEL: 713-641-1915  
FAX: 713-641-2717

● **GOLTENS HOUSTON INC**

7214 Clinton Drive, Houston TX 77020 U.S.A.  
TEL: 713-487-4900  
FAX: 713-487-4904

● **CHIBA MARINE USA INC.**

8920 Lawndale Street Suite D,  
Houston, Texas, 77012 USA  
TEL: 346-802-4799  
WEB: www.chibausa.com/

● **MOTOR-SERVICES HUGO STAMP, INC.**

3190 SW 4th Avenue, Fort Lauderdale,  
Florida, 33315 USA  
TEL: 954-763-3660  
WEB: www.mshsgroup.com/index.html

**CANADA** COUNTRY CODE " 1 "

● **DIESEL-BEC, INC.**

1805 Lionel-Bertrand, Boisbriand,  
QC, Canada  
TEL: 450-434-3401  
WEB: www.diesel-bec.com/

SOUTH AMERICA

**EQUADOR** COUNTRY CODE " 593 "

● **PRONAVAL**

Ciudadela Villamarina Manzana G1,  
Lotes 4 Y 5, Manta, Ecuador  
Tel : 97 9297831  
WEB: https://pronaal.es/

**PARAGUAY** COUNTRY CODE " 595 "

● **ADRIASOL S.A.**

Ruta km 19,5, Transchaco,  
Asunción, Paraguay  
TEL: 21-756099  
WEB: www.adriasolsa.com/

● **SONAR SA**

Oficina 10 - Puerto FENIX - Carlos A.  
Lopez casi Paseo de Fatima, Paraguay  
Tel : 984 301535  
Email: glttoubes@sonar.com.py

**PERU** COUNTRY CODE " 51 "

● **EQUIMAP**

Av. La Encatada 1257 - Oficina 404,  
Santiago de Surco, Lima, Peru  
Tel : 1 6802820  
WEB: https://equipmap.com.pe/

**CHILE** COUNTRY CODE " 56 "

● **TURBODAL S.A.**

Brasil 2076, Valparaíso, Chile  
TEL: 32 259 4521  
WEB: http://turbodal.cl

**ARGENTINE** COUNTRY CODE " 54 "

● **VN PROPULSION S.R.L**

Mar de Plata 7600 Buenos Aires  
- Argentina  
TEL: 011-4553-4026  
WEB: vnpropulsion.com/en

**BRAZIL** COUNTRY CODE " 55 "

● **YANMAR SOUTH AMERICA LTDA**

Cond E Indaituba 4509 Mod 01/02  
Indaiatuba Rod SP73 13347-390  
TEL: 19-3801-9200  
FAX: 19-3834-4454  
WEB: www.yanmar.com.br

● **YANMAR SOUTH AMERICA MANAUS BRANCH**

Rua Jonatas Pedrosa Numero 50  
Bairro Centro Manaus 69020-110  
TEL: 92-3347-9205

● **METALOCK BRASIL LTDA**

Rua Visconde do Rio Branco 20/26,  
11013-030, Santos, SP, Brazil  
TEL: 13-3226-4686  
E-MAIL: santos@metalock.com.br  
WEB: www.metalock.com.br

● **MANUTENÇÃO E REPAROS DE MOTORES DIESEL ( ROMAGA )**

Rua Pedro Alves, 18 / 20 / 22 / 22  
fds 01 e 02 Santo Cristo Rio de Janeiro  
- RJ 20220-281  
TEL: 21-2263-3115  
WEB: www.romaga.com.br

