

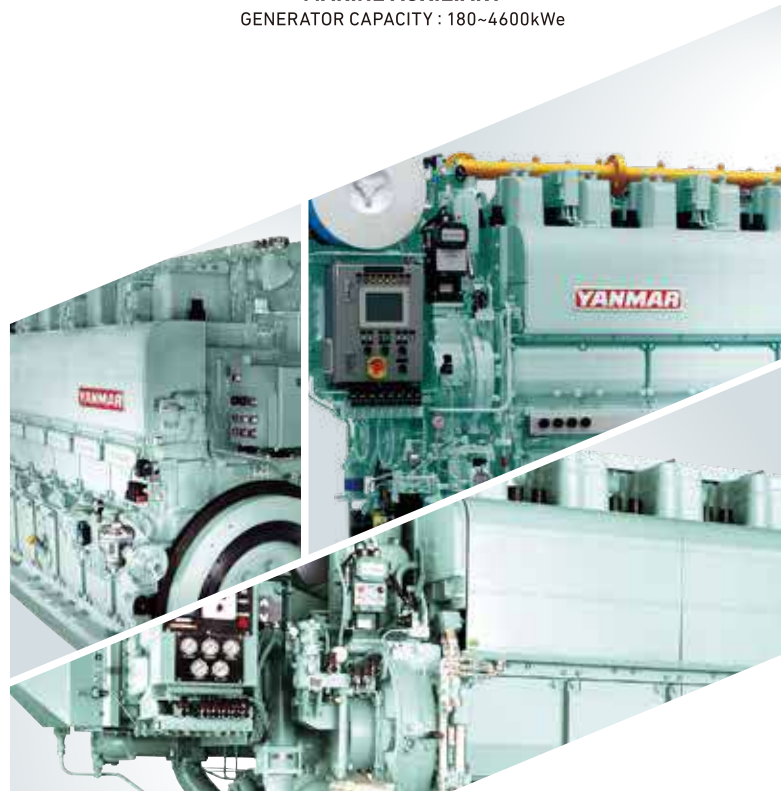


YANMAR

MARINE PRODUCTS GUIDE

MARINE PROPULSION
POWER RANGE : 374~4500kW

MARINE AUXILIARY
GENERATOR CAPACITY : 180~4600kWe



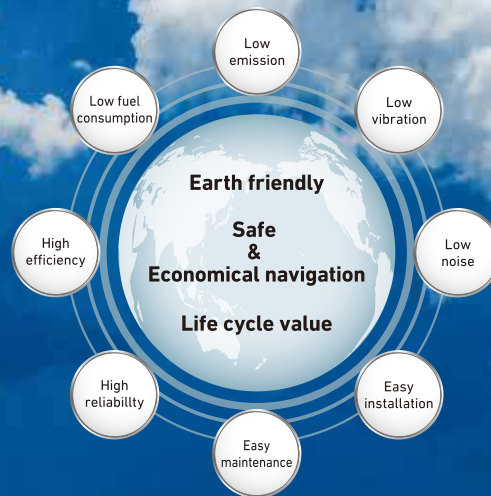
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Large Power Products Business

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yanmar.com/global/

001B0-G00240 2406 ⑩

Bring happiness
to people
as they navigate the seas.



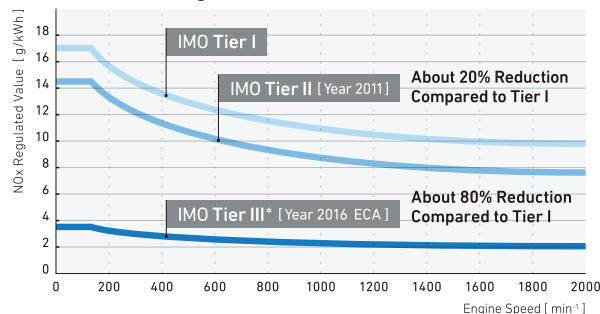
CONTENTS

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

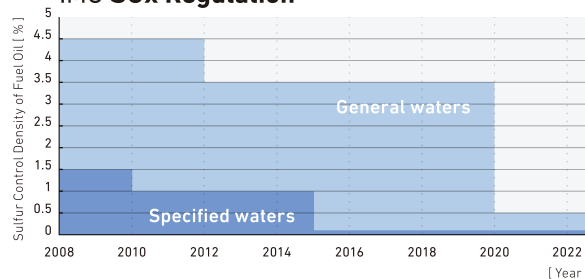
Clean and Reliable Technology

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.

IMO NOx Regulation



IMO SOx Regulation



* 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.



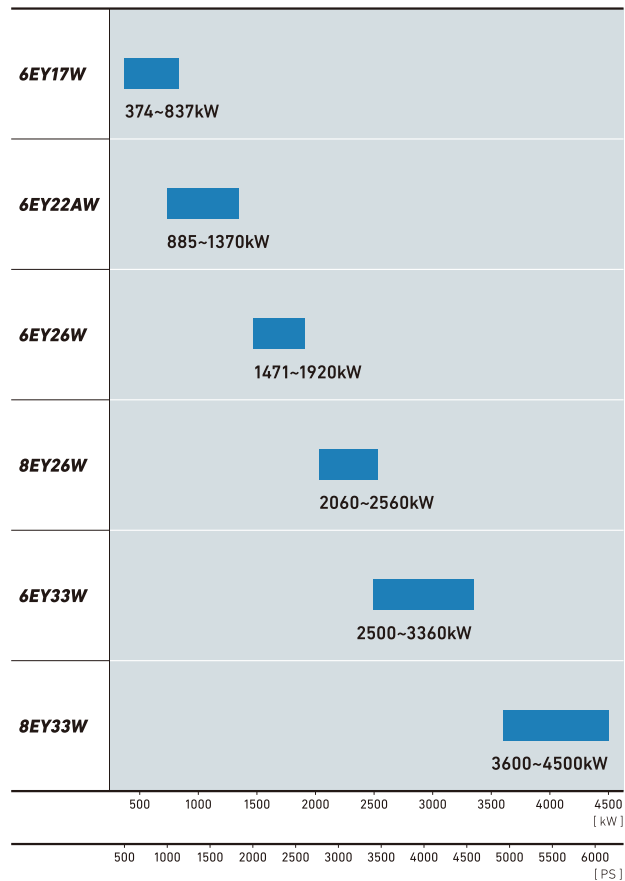
YANMAR received Japan's First Approval in Principle
for Maritime Hydrogen Fuel Cell System from ClassNK

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

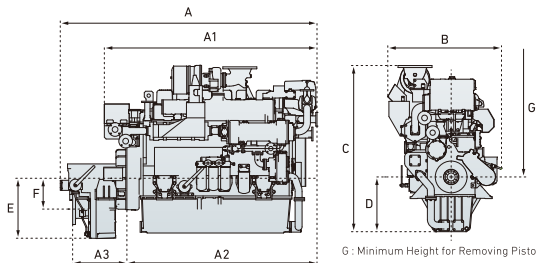
Engine Model	6EY17W				
Continuous Rated Output kW[PS]	374 [508]	480 [653]	590 [802]	749 [1018]	837 [1138]
Rated Engine Speed min ⁻¹	1350				1450
Engine Dry Weight kg	3880				

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	kg	700			
	Offset	1667			

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

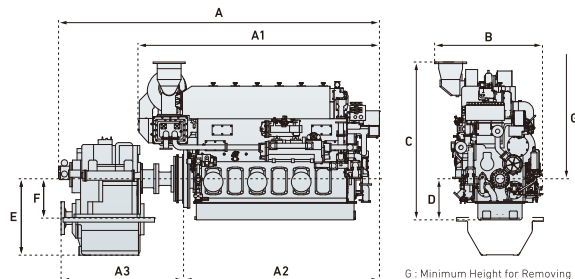
Engine Model	6EY22AW				
Continuous Rated Output kW[PS]	885 [1203]	1030 [1400]	1180 [1604]	1330 [1808]	1370 [1863]
Rated Engine Speed min ⁻¹	900				
Engine Dry Weight kg	10000				

Standard Marine Gear

Propeller Type	for F.P.P.			
Marine Gear Model	Offset	YX-1000	YXH-2000	
	Co-Axial	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	kg	2400	4750	
	Co-Axial	2565	5050	

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

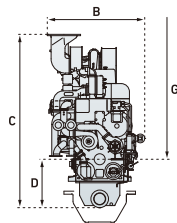
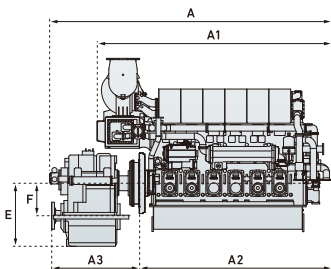
Engine Model	6EY26W		
Continuous Rated Output	1471 [2000]	1620 [2203]	1920 [2610]
kW[PS]			
Rated Engine Speed	750		
min ⁻¹			
Engine Dry Weight	18500		
kg			

Standard Marine Gear

Propeller Type		for C.P.P.	for F.P.P.	for C.P.P.	for F.P.P.	for C.P.P.	for F.P.P.
Marine Gear Model	Offset	YXH-2000M	YXH-2000	YXH-2500M	YXH-2500	YXH-2500M	YXH-2500
	Co-Axial	YXH-2000MC	YXH-2000C	YXH-2500MC	YXH-2500C	YXH-2500MC	YXH-2500C
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
kg	Co-Axial	4300	5050	4400	5150	4400	5150

Dimensions [mm] / Weights [kg]

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



G : Minimum Height for Removing Piston

8EY26W

Power Range 2060~2560kW

Main Data

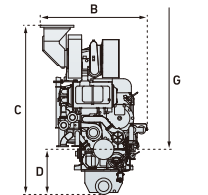
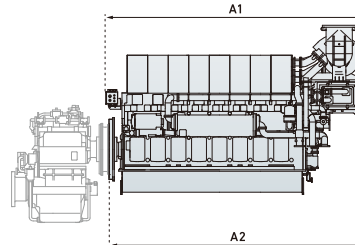
- Type : 4-stroke, Diesel
- No. of Cylinders : In-line 8
- Cylinder Bore : 260mm
- Piston Stroke : 385mm
- Mean Effective Pressure : 2.02-2.50 MPa
- Piston Speed : 9.63m/s

Rated Output

Engine Model	8EY26W			
Continuous Rated Output	2060 [2801]	2210 [3005]	2360 [3209]	2560 [3481]
kW[PS]				
Rated Engine Speed	750			
min ⁻¹				
Engine Dry Weight	24500			
kg				

Dimensions [mm] / Weights [kg]

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



G : Minimum Height for Removing Piston

6EY33W

Power Range 2500~3360kW

Main Data

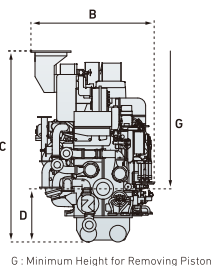
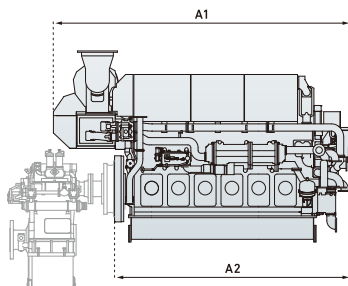
- Type : 4-stroke, Diesel
- No. of Cylinders : In-line 6
- Cylinder Bore : 330mm
- Piston Stroke : 440mm
- Mean Effective Pressure : 1.77-2.38MPa
- Piston Speed : 11.00m/s

Rated Output

Engine Model	6EY33W			
Continuous Rated Output kW[PS]	2500 [3399]	2750 [3739]	3100 [4215]	3360 [4568]
Rated Engine Speed min ⁻¹	750			
Engine Dry Weight kg	38800			

Dimensions [mm] / Weights [kg]

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



G : Minimum Height for Removing Piston

8EY33W

Power Range 3600~4500kW

Main Data

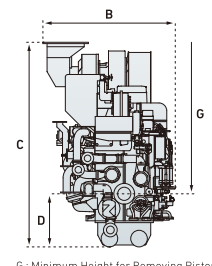
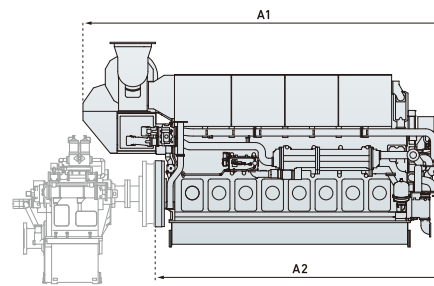
- Type : 4-stroke, Diesel
- No. of Cylinders : In-line 8
- Cylinder Bore : 330mm
- Piston Stroke : 440mm
- Mean Effective Pressure : 1.91-2.39MPa
- Piston Speed : 11.00m/s

Rated Output

Engine Model	8EY33W		
Continuous Rated Output kW[PS]	3600 [4895]	4000 [5438]	4500 [6118]
Rated Engine Speed min ⁻¹	750		
Engine Dry Weight kg	50000		

Dimensions [mm] / Weights [kg]

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



G : Minimum Height for Removing Piston

6N21AW

Power Range 662~956kW

Notes

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

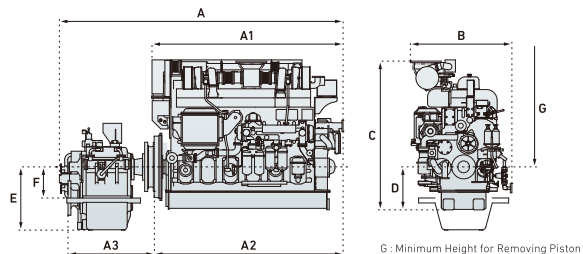
Engine Model	6N21A-DW	6N21A-UW	6N21A-SW	6N21A-EW
Continuous Rated Output kW[PS]	662 [900]	736 [1000]	883 [1200]	956 [1300]
Rated Engine Speed min ⁻¹	800		850	
Engine Dry Weight kg	8000			

Standard Marine Gear

Propeller Type		for F.P.P.
Marine Gear Model	Offset	YX-1000
	Co-Axial	YX-1000C
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 Dry Weight kg	Offset	2400
	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
6N21A-DW 662kW	YX-1000	4053	2776	2733	1199	1420	2081	601	885	435	1802	10478
6N21A-UW 736kW	YX-1000C	4086	2776	2733	1232	1420	2081	601	450	-	1802	10643
6N21A-SW 883kW	YX-1000	4059	2776	2733	1205	1420	2081	601	885	435	1802	10494
6N21A-EW 956kW	YX-1000C	4092	2776	2733	1238	1420	2081	601	450	-	1802	10659



MARINE AUXILIARY

DIESEL ENGINE LINE-UP



Generator Capacity

60Hz

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

50Hz

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

Fuel Oil : M.D.O / H.F.O (up to 700mm²/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⁻¹
- Mean Effective Pressure : 1.00-1.83MPa
- Piston Speed : 6.7 / 8.0m/s

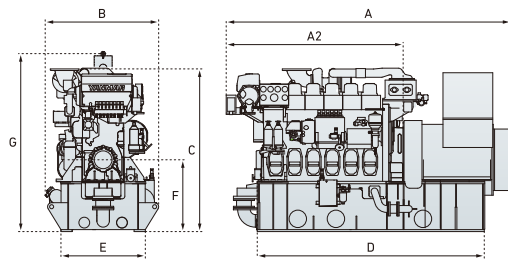
Rated Output

Engine Model	60Hz		50Hz	
	1200min ⁻¹		1000min ⁻¹	
	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	1972	1265	1813	2530	940	800	1983	2880	5870
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

The engine dry weight and outline may differ depending upon the specifications and attached accessories.

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⁻¹
- Mean Effective Pressure : 1.42-1.78MPa
- Piston Speed : 7.0 / 7.7 / 9.3m/s

Rated Output

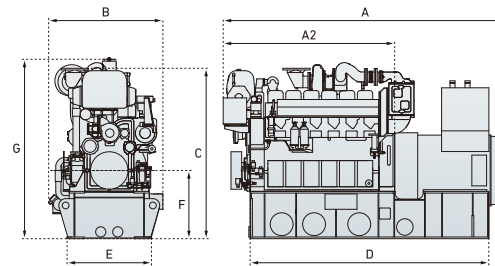
Engine Model	60Hz		50Hz	
	900min ⁻¹		1000min ⁻¹	
	Eng [kW (PS)]	Gen [kWe]	Eng [kW (PS)]	Gen [kWe]
6N165L-UW	-	-	353 (480)	320
6N165L-SW	353 (480)	320	397 (540)	360
6N165L-EW	397 (540)	360	441 (600)	400
	1200min ⁻¹			
	Eng [kW (PS)]	Gen [kWe]		
6N165L-UW	441 (600)	400		
6N165L-SW	485 (660)	450		
6N165L-EW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

Above generator capacity will vary according to actual generator efficiency.

- 900min⁻¹: for HFD Application Only.
- 1000min⁻¹: for MDO 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	1982	1341	1999	2700	990	800	2105	4100	6410
6N165L-SW	353kW	3332	2012	1557	1999	2800	990	800	2105	4100	7160
	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
	441/530kW	3332	2012	1341	1999	2800	990	800	2105	4100	7160



G : Minimum Height for Removing Piston

The engine dry weight and outline may differ depending upon the specifications and attached accessories.

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⁻¹
- Mean Effective Pressure : 1.28-2.50MPa
- Piston Speed : 6.7 / 7.0 / 8.4 / 9.3m/s

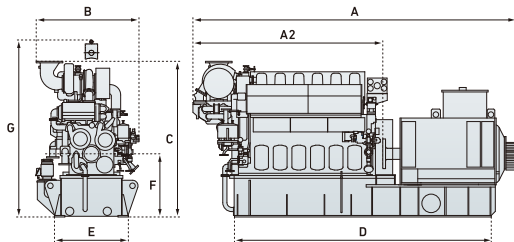
Rated Output

Engine Model	60Hz		50Hz	
	720min ⁻¹		750min ⁻¹	
	Eng [kW (PS)]	Gen [kWe]	Eng [kW (PS)]	Gen [kWe]
6EY18LW	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 ⁻¹		1000min ⁻¹	
	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
6EY18LW	400~615kW	4441	2751	1493	2255	3620	1070	915	2564	6600	11200
6EY18ALW	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⁻¹
- Mean Effective Pressure : 1.948-2.257MPa
- Piston Speed : 8.70m/s

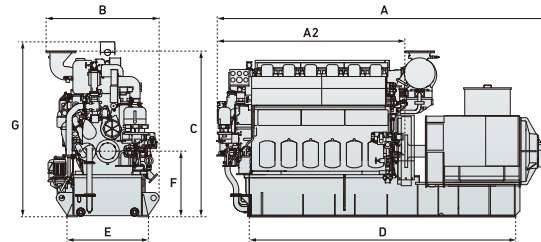
Rated Output

Engine Model	60Hz	
	900min ⁻¹	
	Eng [kW (PS)]	Gen [kWe]
6EY21ALW	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
6EY21ALW	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⁻¹
- Mean Effective Pressure : 1.45-2.50MPa
- Piston Speed : 7.7 / 8.0 / 9.6 / 10.7m/s

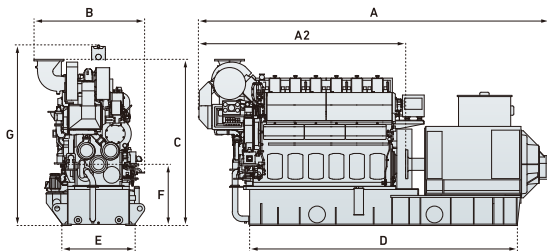
Rated Output

Engine Model	60Hz		50Hz	
	720min ⁻¹		750min ⁻¹	
	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
	900min ⁻¹		1000min ⁻¹	
	Eng [kW (PS)]	Gen [kWe]	Eng [kW (PS)]	Gen [kWe]
	880 (1197)	800	880 (1197)	800
6EY22ALW	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⁻¹
- Mean Effective Pressure : 1.83-2.50MPa
- Piston Speed : 9.2 / 9.6m/s

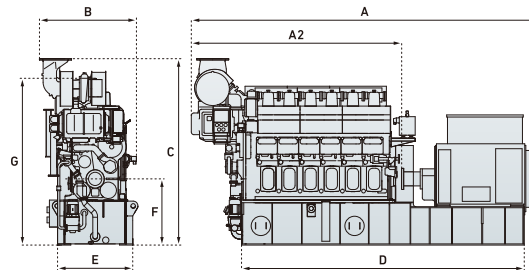
Rated Output

Engine Model	60Hz		50Hz	
	720min ⁻¹		750min ⁻¹	
	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	30600



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⁻¹
- Mean Effective Pressure : 1.86-2.50MPa
- Piston Speed : 9.2 / 9.6m/s

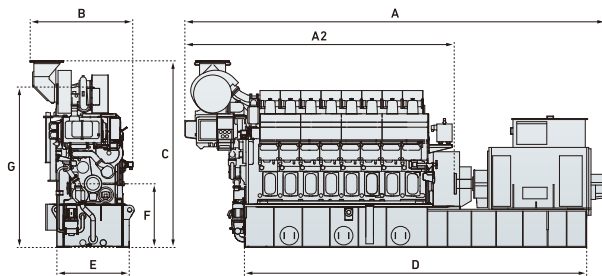
Rated Output

Engine Model	60Hz		50Hz	
	720min ⁻¹		750min ⁻¹	
	Eng [kW (PS)]	Gen [kWe]	Eng [kW (PS)]	Gen [kWe]
8EY26LW	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
8EY26LW	1900~2130kW	8258	5290	2030	3665	6720	1420	1250	3150	24500	40000
	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⁻¹
- Mean Effective Pressure : 1.77-2.66MPa
- Piston Speed : 10.56 / 11.00m/s

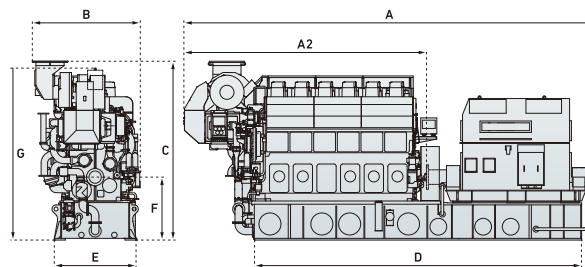
Rated Output

Engine Model	60Hz		50Hz	
	720min ⁻¹		750min ⁻¹	
	Eng [kW (PS)]	Gen [kWe]	Eng [kW (PS)]	Gen [kWe]
6EY33LW	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
6EY33LW	2400~3600kW	8950	5280	2355	3895	7130	1780	1370	3742	38500	63000



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⁻¹
- Mean Effective Pressure : 2.21-2.66MPa
- Piston Speed : 10.56 / 11.00m/s

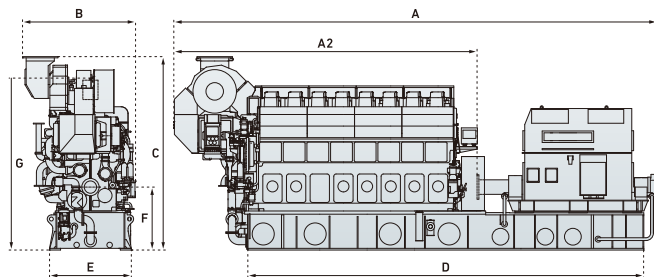
Rated Output

Engine Model	60Hz		50Hz	
	720min ⁻¹		750min ⁻¹	
	Eng [kW (PS)]	Gen [kWe]	Eng [kW (PS)]	Gen [kWe]
8EY33LW	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
8EY33LW	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⁻¹
- Mean Effective Pressure : 0.81-1.05MPa
- Piston Speed : 6.6 / 8.3 / 9.9m/s

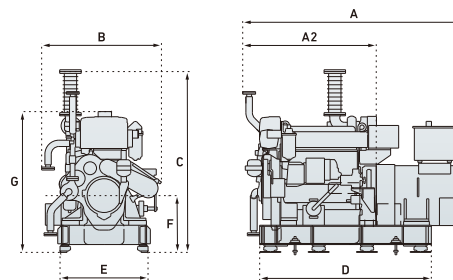
Rated Output

Engine Model	60Hz		50Hz	
	1200min ⁻¹		1500min ⁻¹	
	Eng [kW (PS)]	Gen [kWe]	Eng [kW (PS)]	Gen [kWe]
4HAL2-TN1	72 (98)	64	89 (121)	80
4HAL2-TN	90 (122)	80	115 (156)	100
4HAL2-WT	-	-	-	-
	1800min ⁻¹			
	Eng [kW (PS)]	Gen [kWe]		
4HAL2-TN1	116 (157)	104		
4HAL2-TN	-	-		
4HAL2-WT	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
4HAL2-TN1	72~116kW	2070	1245	1117	1685	1600	820	529	1312	1030	1855
4HAL2-TN	90~115kW	2070	1245	1117	1685	1600	820	529	1312	1030	1855
4HAL2-WT	135kW	2070	1245	1117	1685	1600	820	529	1312	1030	1855



G : Minimum Height for Removing Piston

6HAL2

Generator Capacity **80~280kWe**

Main Data

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

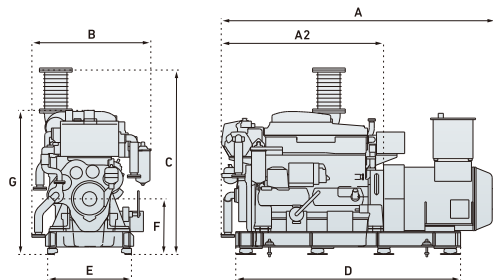
Rated Output

Engine Model	60Hz		50Hz	
	1200min ⁻¹		1500min ⁻¹	
	Eng [kW (PS)]	Gen [kWe]	Eng [kW (PS)]	Gen [kWe]
6HAL2-N	90 (122)	80	115 (156)	100
6HAL2-TN	120 (163)	104	-	-
6HAL2-WT	-	-	150 (204)	136
6HAL2-WHT	160 (217)	144	220 (299)	200
6HAL2-WDT	200 (271)	180	255 (346)	232
	1800min ⁻¹			
	Eng [kW (PS)]	Gen [kWe]		
6HAL2-N	-	-		
6HAL2-TN	-	-		
6HAL2-WT	180 (244)	160		
6HAL2-WHT	265 (360)	240		
6HAL2-WDT	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
6HAL2-N	90~115kW	2499	1589	1164	1654	2100	820	544	1327	1380	2360
6HAL2-TN	120kW	2499	1589	1164	1774	2100	820	544	1327	1422	2410
6HAL2-WT	150~180kW	2499	1589	1164	1774	2100	820	544	1327	1422	2410
6HAL2-WHT	160~265kW	2574	1589	1164	1804	2200	820	544	1327	1437	2750
6HAL2-WDT	200~305kW	2684	1589	1164	1804	2200	820	544	1327	1447	2850



G : Minimum Height for Removing Piston

6AYL

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

Main Data

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

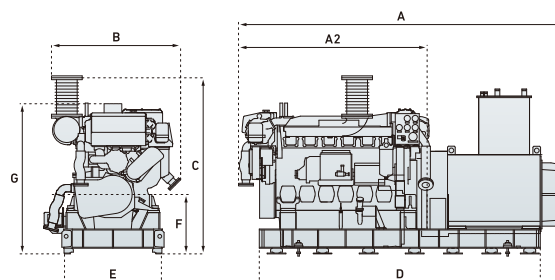
Rated Output

Engine Model	60Hz		50Hz	
	1800min ⁻¹		1500min ⁻¹	
	Eng [kW (PS)]	Gen [kWe]	Eng [kW (PS)]	Gen [kWe]
6AYL-WST	353 (480)	320	-	-
6AYL-WET	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
6AYL-WST	353kW	2970	1860	1445	1836	2540	1030	619	1565	2475	4600
6AYL-WET	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 TierⅢ]

Main Data

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

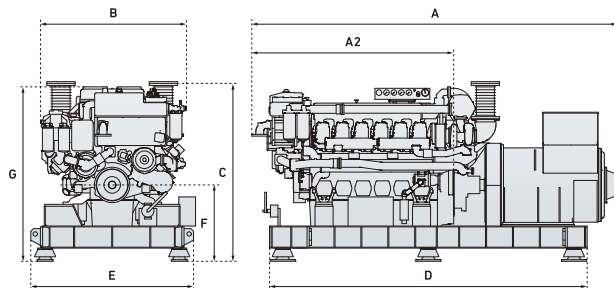
Rated Output

Engine Model	60Hz		50Hz	
	1800min ⁻¹		750min ⁻¹	
	Eng [kW (PS)]	Gen [kWe]	Eng [kW (PS)]	Gen [kWe]
12AYL-WET	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
12AYL-WET	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



G : Minimum Height for Removing Piston

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⁻¹
- Mean Effective Pressure : 1.77~2.66MPa
- Piston Speed : 10.56 / 11.00m/s

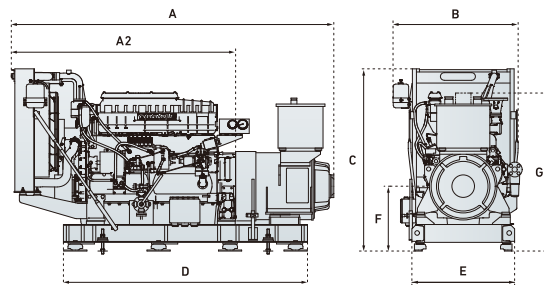
Rated Output

Engine Model	60Hz		50Hz	
	1800min ⁻¹		1500min ⁻¹	
	Eng [kW (PS)]	Gen [kWe]	Eng [kW (PS)]	Gen [kWe]
6HAL2-H	125 (174)	112 (140)	115 (156)	100 (125)
6HAL2-TH	202 (275)	180 (225)	150 (204)	132 (165)
6HAL2-HTH	245 (333)	220 (275)	202 (275)	180 (225)
6HAL2-DTH	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
6HAL2-H	115kW	2709	1884	1085	1684	2050	810	544	1327	1335	2270
	128kW	2709	1884	1085	1684	2050	810	544	1327	1335	2270
6HAL2-TH	150kW	2819	1884	1096	1782	2100	810	544	1327	1370	2550
	202kW	2819	1884	1096	1782	2100	810	544	1327	1370	2550
6HAL2-HTH	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
6HAL2-DTH	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



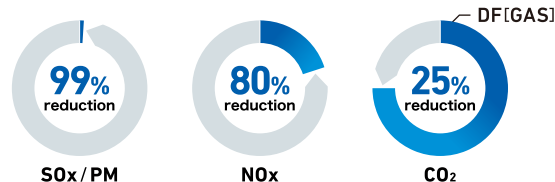
G : Minimum Height for Removing Piston

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.



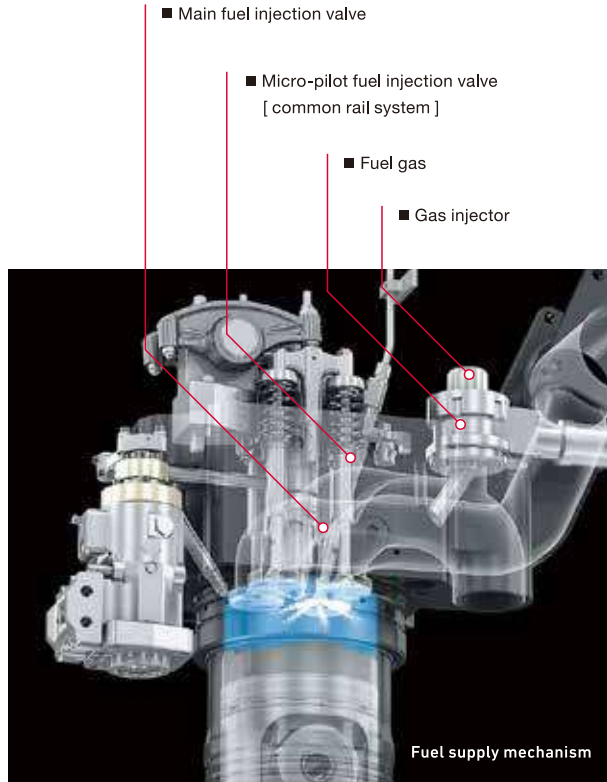
* Where diesel is 100

■ 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 × stroke [mm]	220×320	260×385		350×440	
Displacement [L]	73.0	122.6	163.5	254.0	338.7
Engine speed [min ⁻¹]	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	

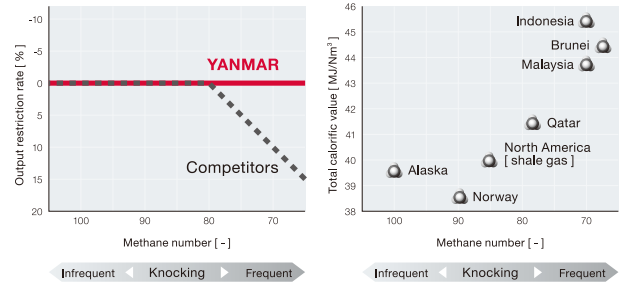
* Specifications are subject to change without prior notification.

- YANMAR's unique system delivers superior engine performance.



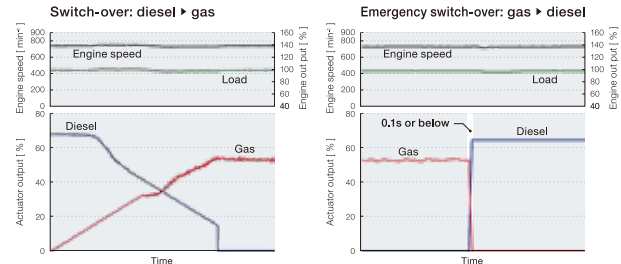
• Can operate with natural gas in any region

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.

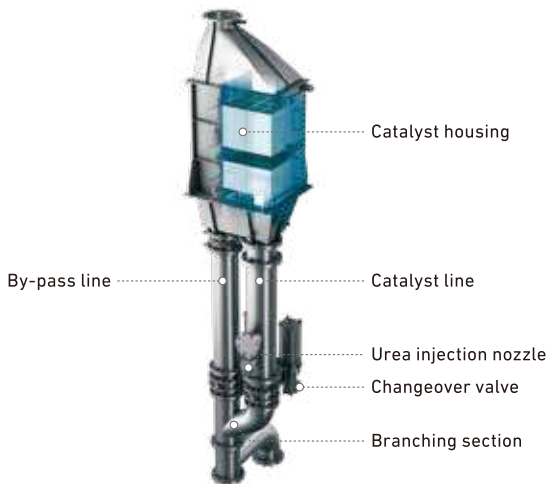


• Switch fuels even at 100% output

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.

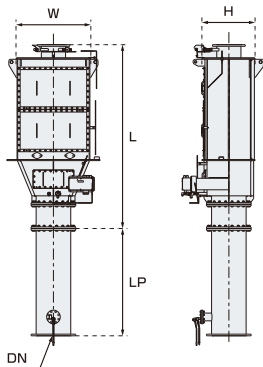
*2 To be installed on hull side : 2019-

- **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

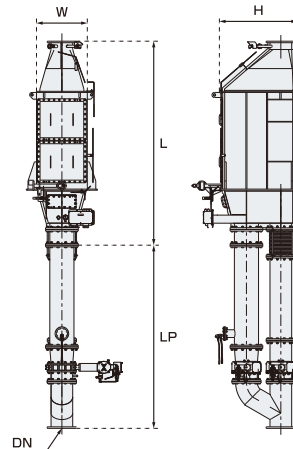


■ Dimension's for propulsion engine

SCR model	Catalytic reactor dimension (mm)			Exhaust pipe dimension (mm)			Engine model	Power (kW)
	H	W	L	DN-in	DN-out	LP		
Y22SCR-AM	782	1100	2702	500A	350A	1577	6EY22AWS	885~1370
Y26SCR-6M	1115	1524	2940	650A	450A	1237	6EY26WS	1330~1920
Y26SCR-8M	1425	1425	3123	700A	500A	1677	8EY26WS	2060~2560
Y33SCR-6M	1444	1749	3147	850A	600A	1567	6EY33WS	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		
Y155SCR-L	1148	747	2698	250A	300A	2042	6AYL-WST	438,491
Y16SCR-L	1078	747	2624	250A	250A	1850	6NY16LWS	353~441
Y165SCR-L	1148	747	2698	300A	300A	2092	6N165LWS	485
	1148	747	2848	300A	300A	2092		530
Y18SCR-(A)L	1148	747	2848	300A	300A	2692	6EY18(A)LWS	400~615
	1148	747	2998	300A	300A	2692		660~800
Y21SCR-AL	1325	1100	3116	350A	400A	2966	6EY21ALWS	880~1020
Y22SCR-(A)L	1325	1100	3116	400A	400A	3256	6EY22(A)LWS	660~1100
	1485	1100	3116	400A	400A	3257		1180~1370
Y22SCR-AL	1485	1100	3116	400A	500A	3258	6EY22ALWS	1500
Y26SCR-6L	1685	1425	3900	500A	500A	3883	6EY26LWS	1400~1840
Y26SCR-8L	1924	1425	3971	550A	600A	3967	8EY26LWS	1900~2425
Y33SCR-6L	2135	1750	4198	650A	650A	4526	6EY33LWS	2750~3600

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

2-stage turbocharging system

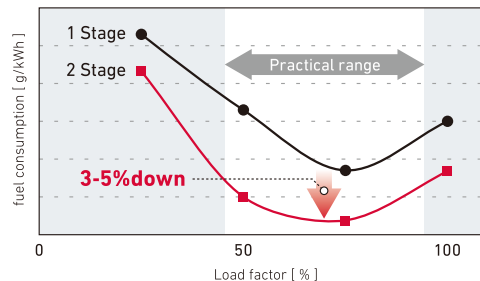


Ultra low fuel consumption of 4-stroke medium speed diesel engine.

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

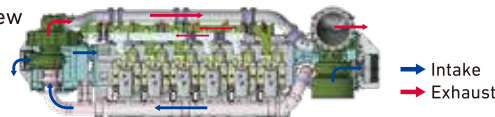
We acquired the air by using the "2 stage turbocharging system" in spite of advanced closing timing of suction valve to compare with "1 stage turbocharging system". As a result, we could achieve the low fuel consumption in wide load.



• 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

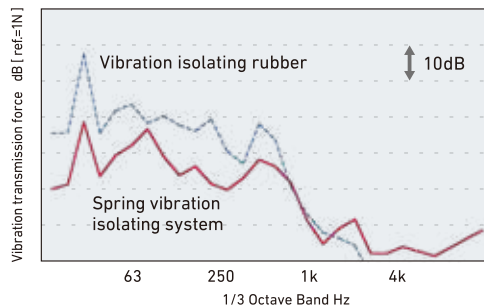
In YANMAR, utilizing the technology accumulated over many years in vibration isolating rubber for marine engines and metal spring vibration isolating system for land engines, we have developed a marine metal spring isolation system with support of Japan Railway Construction, Transport and Technology 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.

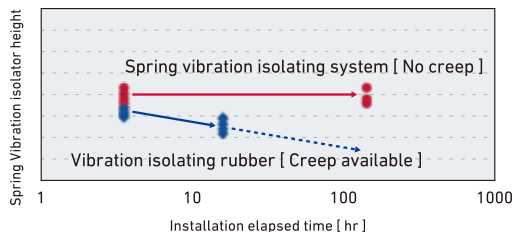
◎ Isolation performance



• 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.

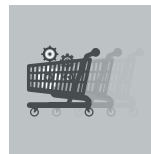
● Engine Analysis

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



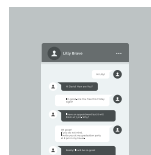
Engine Analysis

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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• HEAD OFFICE

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Chayamachi, Kita-ku, Osaka,
530-8311, Japan
WEB: yanmar.com

• AMAGASAKI PLANT

1-1-1, Nagasu Higashidori, Amagasaki,
Hyogo, 660-8585, Japan

• SALES DIVISION1 SALES GROUP

TEL: 6-6489-8042
FAX: 6-6489-1082

• SALES DIVISION3 OVERSEAS SALES GROUP

TEL: 6-6489-8042
FAX: 6-6489-1082

• QUALITY ASSURANCE DIVISION.

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

● YANMAR ENGINEERING CO., LTD.

• YANMAR ENGINEERING (HEAD OFFICE)

1-1-1, Nagasu Higashidori, Amagasaki,
Hyogo, 660-8585, Japan
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FAX: 6-6489-8075
WEB: www.yanmar.co.jp/ye/

• OVERSEAS ENGINEERING DIVISION.

TEL: 6-6489-8048
FAX: 6-6481-6101

EUROPE

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TEL: 36-5493200
FAX: 36-5493209
WEB: yanmar.eu/

● NICOVERKEN HOLLAND B.V.

Algerastraat 20, 3125 BS Schiedam,
The Netherlands
TEL: 10-2380999
FAX: 10-2380990
E-MAIL: shiprepair@nicoverken.nl
WEB: www.nicoverken.nl

● FUJI TRADING (MARINE) B.V.

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The Netherlands
TEL: 10-429-8833
FAX: 10-429-5227

NORWAY COUNTRY CODE " 47 "

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Prost Stabels vei 22 N-2019,
SKEDSMOKORSET, Norway
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E-MAIL: yanmar@yanmar.no
WEB: www.yanmar.no

● MARITIM MOTOR TROMSØ AS

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Norway
TEL: 9519-5425
E-MAIL: ronny@maritim-motor.no
WEB: www.maritim-motor.no

● ANLEGG OG MARINE SERVICE AS

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N-4056, Tananger, Norway
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EMERGENCY PHONE: 4040-1621
E-MAIL: post@anlegg-marine.no
WEB: www.anlegg-marine.no

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Trohaugen, 6393 Tomrefjord, Norway
TEL: 7118-2270
E-MAIL: ronny@maritim-motor.no
WEB: www.maritim-motor.no

● LARSNES MEK. VERKSTED AS

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FAX: 7002-6401
E-MAIL: jarle@larsnes-mek.no
WEB: www.larsnes-mek.no

● VERLO AS

GATE 1 nr.162 6700 MALY, Norway
E-MAIL: khs@verlo.no
WEB: www.verlo.no

U.K. COUNTRY CODE " 44 "

- **ROYSTON LIMITED**
Unit 3 Walker Riverside,
Wincomblee Road NE6 3PF,
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TEL: 191-295-8000
E-MAIL: chris.hails@royston.co.uk
WEB: www.royston.co.uk
- **TREVOR MACDONALD
(MARINE ENGINE SERVICES LTD)**
Ellon, Aberdeenshire, Scotland, UK
TEL: +44 78 9481 4341
E-MAIL: Service@mcdonaldmes.co.uk

DENMARK COUNTRY CODE " 45 "

- **VMS GROUP A/S
(VESTERGAARD MARINE SERVICE)**
Havnepladsen 12, 9900 Frederikshavn,
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TEL: 9622 1100
E-MAIL: vms@vms.dk

FRANCE COUNTRY CODE " 33 "

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E-MAIL: giro@itochu.fr
WEB: www.itochu.eu.com

GERMANY COUNTRY CODE " 49 "

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FAX: 40-311598

ICELAND COUNTRY CODE " 354 "

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210 Garðabæ, Iceland
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FAX: +364 565-7230
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WEB: www.maras.is

ITALY COUNTRY CODE " 39 "

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Interno Porto 80133, Naples, Italy
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WEB: www.navalcantieri.org

POLAND COUNTRY CODE " 48 "

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WEB: www.cassiopeia-service.com

GREECE COUNTRY CODE " 30 "

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GREECE LIAISON OFFICE**
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Athens, Greece
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FAX: 210-922-2484
E-MAIL: ye_greece@yanmar.com

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Pol. Torrelarragoiti Parcela P7M,
Pabellón 1 y 2,
48170 Zamudio Bizkaia Spain
TEL: 94-452-0816
FAX: 94-452-0510
E-MAIL: skv@skvbermeo.com
WEB: www.skvgroup.es

LATVIA COUNTRY CODE " 371 "

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E-MAIL: info@varmaa.lv
WEB: www.varmaa.lv

LITHUANIA COUNTRY CODE " 370 "

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Klaipeda, Lithuania
TEL: 46-340-940
FAX: 46-344-456
E-MAIL: order@garant.lt
WEB: www.garantservice.lt

RUSSIA COUNTRY CODE " 7 "

- **ELITE INTERCONTINENTAL
SHIPPING**
1 Gapsalskaya 709, Area Code
198035, St. Petersburg, Russia
TEL: 911-916-9495 (24/7)
812-680-1713
FAX: 812-680-1702
E-MAIL: yanmar@elit-engine.ru
WEB: www.elit-engine.ru

- **DONTECHCENTER LTD.**
13-Line, 34, Rostov on Don 344019, Russia
TEL: +7 928 605-82-01
E-MAIL: d-t-c@d-t-c.ru
WEB: www.d-t-c.ru

UKRAINE COUNTRY CODE " 380 "

- **ELECTRIC ENGINEERING LTD.**
P.O. Box 583 68000, Ilyichevsk,
Ukraine
TEL: 67-5180-487
E-MAIL: vab@eleng.biz
WEB: www.eleng.biz

TURKEY COUNTRY CODE " 90 "

- **SAKURA MARINE DENİZ
ENDÜSTRİSİ VE DİŞ TİC.LTD.ŞTİ.**
İstanbul Deri OSB, Kazlıçeşme Cad.
No.22 X-5 Tuzla, İstanbul, Türkiye
TEL: 21-6494-4923
E-MAIL: info@sakura-marine.com
WEB: www.sakura-marine.com

AFRICA

SOUTH AFRICA COUNTRY CODE " 27 "

- **SEASCAPE MARINE SERVICES
(PTY) LTD.**
124 Service Road Marine Drive Paarden
Eiland 7405, P.O. Box 63 Paarden Eiland
7420 Capetown, South Africa
TEL: 21-511-8201
FAX: 21-510-6947
E-MAIL: info@seascapemarine.co.za
WEB: www.seascapemarine.co.za

SEYCHELLES COUNTRY CODE " 248 "

- **POWER MARINE & ACCESSORIES**
Corner of Avenue De Diolinda
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Industrial Estate, Mahe, Seychelles
Tel: 460-1005
E-MAIL: john.vidot@pmaseychelles.com

MAURITIUS COUNTRY CODE " 230 "

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WEB: www.cnoi.info

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E-MAIL: d.orro@piriou.com
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TANZANIA and KENIA

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Mob: +255 754 530 241
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WEB: www.eristic.co.tz

MIDDLE EAST

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Dubai Airport Free Zone,
P.O.Box : 214831, Dubai, UAE
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FAX: 4-341-8778
E-MAIL: ymrdubai@eim.ae
ye_dubai@yanmar.com

● ALBWARDY MARINE ENGINEERING (L.L.C)

Dubai Maritime City
PO Box 6515 Dubai UAE
TEL: 4-324-1001, 324-1561
FAX: 4-324-1005
WEB: www.albwardymarine.com

● GOLTENS CO. LTD. DUBAI BRANCH

Plot SR 6&7 Dubai Maritime City
PO Box 2811 Dubai UAE
TEL: 4-4376555
FAX: 4-4376556
WEB: www.goltens.com

ARAB REPUBLIC OF EGYPT COUNTRY CODE " 20 "

● MAPSO MARINE PROPULSION & SUPPLY S.A.E.

44 Industrial Zone,
Cairo/Ismaïlia Desert Road,
Egypt
TEL: 22-6984-777
FAX: 22-6990-780
E-MAIL: mapso@mapso.com
WEB: www.mapso.com

● MAPSO-ALEXANDRIA OFFICE

5 Ahmed Orabi Street Alexandria,
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FAX: 3-487-3486

IRAN COUNTRY CODE " 98 "

● SADAF KARAN BOUSHEHR CO.

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FAX: 773-3553403
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WEB: www.sadafkaran.com

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INDIA COUNTRY CODE " 91 "

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● IND-AUST MARITIME PVT LTD.

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TEL: 22-2767 4522
FAX: 22-2789-2529
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WEB: yanmar.com/sg/

● CHONG LEE LEONG SENG CO., (PTE) LTD.

23 Tuas Avenue 2,
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FAX: 6861-8785

MALAYSIA COUNTRY CODE " 60 "

● PANSAR COMPANY., SDN BHD

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● CHONG LEE LEONG SENG ENTERPRISE SDN BHD

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FAX: 3-5632-3126

INDONESIA COUNTRY CODE " 62 "

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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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THAILAND COUNTRY CODE " 66 "

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BANGLADESH COUNTRY CODE " 880 "

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MYANMAR COUNTRY CODE " 95 "

● HAWTHORN ENGINEERING & SERVICES CO.,LTD

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MALDIVES COUNTRY CODE * 960 *

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VIETNAM COUNTRY CODE * 84 *

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Ho Chi Minh city, Vietnam
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FAX: (+84-28) 3970 8899
- **HAI PHONG TRADING AND ENGINEERING SERVICES COMPANY LIMITED (HATESCO)**
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An Hung Village - An Duong District -
Hai Phong City, Vietnam
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E-MAIL: hatesco@gmail.com
- **TAN KY SHIP REPAIR COMPANY LIMITED**
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Hai An Dist., Hai Phong City, Vietnam
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FAX: (255) 3-629 618
- **NHA BE SHIP BUILDING AND REPAIR JSC**
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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 *

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E-MAIL: seapowers@pldtsl.com
 - **POLESTAR TECHNICAL SERVICES INC.**
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FAX: 21-6880-8090 / 21-6880-8682
WEB: yanmar.com/cn/
 - **DALIAN WANFANG MARINE TECHNOLOGY CO., LTD**
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FAX: 411-84795678
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- ## HONG KONG COUNTRY CODE * 852 *
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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.,
Songshan 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
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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: hwaill@hwaill.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 "

H YANMAR AMERICA CORP.

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

I 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://pronaval.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: gltoubes@sonar.com.py

PERU COUNTRY CODE " 51 "

● EQUIMAP

Av. La Encalada 1257 - Oficina 404,
Santiago de Surco, Lima, Peru
Tel : 1 6802820
WEB: https://equipam.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 "

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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

K 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@metallack.com.br
WEB: www.metallack.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

